

THIRTIETH ANNUAL REPORT
OF THE
New York Zoological Society



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1895

1925

CITY OF NEW YORK

New York Zoological Society

Founded in 1895 for the establishment of the Zoological Park; conservation of the animal life of the world--fishes, mammals, birds; promotion of zoology through exploration and publication; and, in 1900, the direction of the New York Aquarium in Battery Park



THIRTIETH ANNUAL REPORT

Address: *Director*, Wm. T. Hornaday, Zoological Park, 185th Street and Southern Boulevard; *Director*, Charles H. Townsend, Aquarium, Battery Park; *Secretary* of the Society, 27 Pine Street.

Published at the Office of the Society,
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JANUARY, 1926

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THE NEW YORK ZOOLOGICAL SOCIETY

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New York Zoological Society

Form of Bequest

I do hereby give and bequeath to the "NEW YORK ZOOLOGICAL SOCIETY," of the City of New York,.....
.....
.....

Membership

Membership.—Membership in the Zoological Society is open to all who are interested in the objects of the organization and desire to contribute toward its support.

Classes.—Annual Membership is \$10. This entitles the holder to admission to the Zoological Park on pay days, when the collections may be seen to the best advantage, all publications of the Society, privileges of the Administration Building, lectures, special exhibitions, and ten complimentary tickets to the Zoological Park for distribution.

Annual Members may become Life Members by the payment of \$200; a subscriber of \$1,000 becomes a Patron; \$2,500, an Associate Founder; \$5,000, a Founder; \$10,000, a Founder in Perpetuity, and \$25,000 a Benefactor.

Address WILLIAM WHITE NILES, *Secretary*,
27 Pine Street, New York, N. Y.

New York Zoological Society

Organized 1895

Presidents

I.	ANDREW H. GREEN.....	1895 to 1897
II.	LEVI P. MORTON.....	1897 to 1909
III.	HENRY FAIRFIELD OSBORN	1909 to 1925
IV.	MADISON GRANT	1925

First Vice-Presidents

I.	J. HAMPTON ROBB	1895 to 1897
II.	HENRY FAIRFIELD OSBORN	1897 to 1909
III.	SAMUEL THORNE	1909 to 1916
IV.	MADISON GRANT	1916 to 1925
V.	FRANK K. STURGIS	1925

Second Vice-Presidents

I.	CHARLES H. WHITEHEAD.....	1895 to 1902
II.	JOHN L. CADWALADER.....	1902 to 1915
III.	MADISON GRANT	1915 to 1916
IV.	FRANK K. STURGIS	1916 to 1925
V.	HENRY D. WHITON.....	1925

Treasurers

I.	L. V. F. RANDOLPH.....	1895 to 1901
II.	CHARLES T. BARNEY	1901 to 1903
III.	PERCY RIVINGTON PYNE.....	1903 to 1922
IV.	CORNELIUS R. AGNEW.....	1922

Secretaries

I.	MADISON GRANT	1895 to 1925
II.	WILLIAM WHITE NILES.....	1925

Chairmen, Executive Committee

I.	CHARLES E. WHITEHEAD	1895 to 1896
II.	HENRY FAIRFIELD OSBORN	1896 to 1903
III.	CHARLES T. BARNEY	1903 to 1908
IV.	HENRY FAIRFIELD OSBORN	1908 to 1909
V.	MADISON GRANT	1909

Directors

I.	WILLIAM T. HORNADAY, <i>Zoological Park</i>	1896
II.	CHARLES H. TOWNSEND, <i>New York Aquarium</i>	1902

Board of Managers

Ex-Officio } HON. JAMES J. WALKER, *The Mayor.*
City, New York } HON. FRANCIS D. GALLATIN, *The President, Dept. of Parks.*

Class of 1927

MADISON GRANT	GEORGE D. PRATT
WILLIAM WHITE NILES	T. COLEMAN DU PONT
FRANK K. STURGIS	HENRY D. WHITON
OGDEN MILLS	CORNELIUS R. AGNEW
LEWIS RUTHERFURD MORRIS	HARRISON WILLIAMS
ARCHER M. HUNTINGTON	MARSHALL FIELD

Class of 1928

PERCY R. PYNE	GEORGE C. CLARK, JR.
GEORGE BIRD GRINNELL	W. REDMOND CROSS
CLEVELAND H. DODGE	HENRY FAIRFIELD OSBORN, JR.
ANTHONY R. KUSER	ARTHUR A. FOWLER
MORTIMER L. SCHIFF	GEORGE GORDON BATTLE
FREDERIC C. WALCOTT	BAYARD DOMINICK

Class of 1929

HENRY FAIRFIELD OSBORN	EDWARD S. HARKNESS
LISPENARD STEWART	WILLIAM B. OSGOOD FIELD
CHARLES F. DIETERICH	JOHN E. BERWIND
GEORGE F. BAKER	IRVING K. TAYLOR
ROBERT S. BREWSTER	HARRY PAYNE BINGHAM
EDWIN THORNE	LONDON K. THORNE

Officers of the Society

General Offices, 101 Park Avenue, New York, N. Y.

President: MADISON GRANT,

First Vice-President:

FRANK K. STURGIS,

Second Vice-President:

HENRY D. WHITON,

Secretary: WILLIAM WHITE NILES, 27 Pine Street,

Treasurer: CORNELIUS R. AGNEW, 16 William Street,

Assistant Treasurer: THE FARMERS' LOAN & TRUST COMPANY.

Executive Committee

MADISON GRANT, *Chairman*

PERCY R. PYNE,

WILLIAM WHITE NILES,

FRANK K. STURGIS,

ANTHONY R. KUSER,

HARRISON WILLIAMS,

HENRY D. WHITON,

W. REDMOND CROSS,

HENRY FAIRFIELD OSBORN, JR.

CORNELIUS R. AGNEW, *Ex-officio*.

General Officers

WILLIAM T. HORNADAY, *Director, Zoological Park,*

W. REID BLAIR, *Assistant Director,*

CHARLES H. TOWNSEND, *Director, New York Aquarium*

GEORGE S. HUNTINGTON, *Prosecutor,*

H. C. RAVEN, *Associate Prosecutor,*

H. DE B. PARSONS, *Consulting Engineer,*

R. L. CERERO, *Bursar,*

HERMANN W. MERKEL, *Consulting Landscape Architect.*

Pension Board

LEWIS RUTHERFURD MORRIS, *Chairman,*

CORNELIUS R. AGNEW, *Treasurer,*

W. REID BLAIR, *Secretary,*

H. R. MITCHELL,

GEORGE BIRD GRINNELL,

W. REDMOND CROSS,

CHARLES H. TOWNSEND,

GEORGE C. CLARK, JR.,

LEE S. CRANDALL.

Committees of the Society

Finance Committee

FRANK K. STURGIS, *Chairman*.

GEORGE C. CLARK, JR.

PERCY R. PYNE,

CORNELIUS R. AGNEW, *Ex-officio*.

Auditing Committee

WILLIAM WHITE NILES, *Chairman*.

GEORGE C. CLARK, JR.,

W. REDMOND CROSS.

Art Committee

FRANK K. STURGIS.

Aquarium Alteration Committee

FRANK K. STURGIS, *Chairman*.

HENRY D. WHITON,

CHARLES H. TOWNSEND,

MADISON GRANT, *Ex-officio*.

Editorial Committee

MADISON GRANT, *Chairman*.

WILLIAM T. HORNADAY,

CHARLES H. TOWNSEND,

WILLIAM BEEBE,

ELWIN R. SANBORN, *Secretary*.

Nominating Committee for Officers and Committees

LEWIS RUTHERFURD MORRIS, *Chairman*.

GEORGE C. CLARK, JR.,

GEORGE BIRD GRINNELL.

Nominating Committee for Board of Managers

CHARLES DE RHAM, *Chairman.*

H. DE B. PARSONS,

CHARLES A. DANA.

Endowment Committee

HENRY D. WHITON, *Chairman.*

HENRY FAIRFIELD OSBORN, JR.,

IRVING K. TAYLOR,

BAYARD DOMINICK,

LANDON K. THORNE,

MADISON GRANT, *Ex-officio.*

Membership Committee

HENRY FAIRFIELD OSBORN, JR., *Chairman.*

F. TRUBEE DAVISON,

GEORGE PALMER PUTNAM.

Arcturus Expedition Committee

HENRY D. WHITON, *Chairman.*

HARRISON WILLIAMS,

WILLIAM BEEBE,

HENRY FAIRFIELD OSBORN, JR.,

DR. W. K. GREGORY,

GEORGE PALMER PUTNAM.

Publicity Committee

RAYMOND L. DITMARS, *Chairman.*

W. REID BLAIR,

CHARLES H. TOWNSEND,

WILLIAM T. HORNADAY,

GEORGE PALMER PUTNAM,

ELWIN R. SANBORN.

Executive Staff

Officers of the Zoological Park

WILLIAM T. HORNADAY, *Director and General Curator*,
W. REID BLAIR, *Assistant Director*,
H. R. MITCHELL, *Chief Clerk*,
RAYMOND L. DITMARS, *Curator of Reptiles*,
LEE S. CRANDALL, *Curator of Birds*,
WILLIAM BEEBE, *Honorary Curator of Birds*,
CHARLES J. RENNER, *Civil Engineer and Constructor*,
WILLIAM MITCHELL, *Cashier*,
ELWIN R. SANBORN, *Asst. to Secy. and Editor*.

Officers of the Aquarium

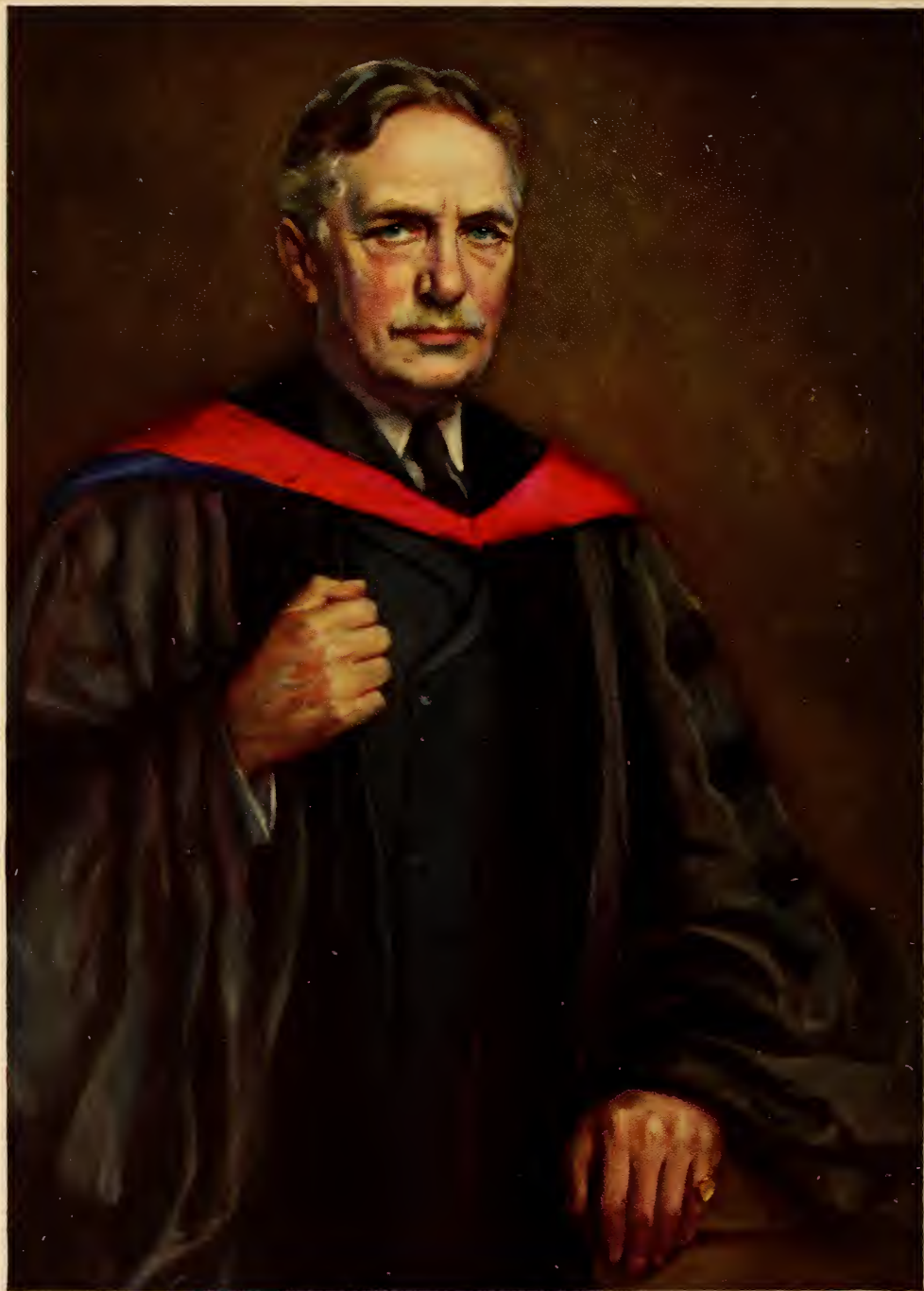
CHARLES H. TOWNSEND, *Director*,
IDA M. MELLEN, *Aquarist and Secretary*,
LOUIS L. MOWBRAY, *Chief Aquarist*,
CHARLES M. BREDER, JR., *Research Associate*,
JAMES C. MOORE, *Chief Engineer*,
MARVIN C. FENSTEMAKER, *Clerk*.

Officers of the Department of Tropical Research

WILLIAM BEEBE, *Director*
JOHN TEE-VAN, *General Assistant*,
ISABEL COOPER, *Scientific Artist*,
RUTH ROSE, *Historian and Technician*,
HELEN TEE-VAN, *Assistant Artist*,
SERGE CHETYRKIN, *Preparateur*.

Honorary Officers, Arcturus Research Work

DR. WILLIAM K. GREGORY, *Associate in Ichthyology*,
C. J. FISH, *Associate in Crustacea*,
ELIZABETH TROTTER, *Assistant in Ichthyology*,
M. D. FISH, *Assistant in Larval Fish*,



HENRY FAIRFIELD OSBORN

REPORT OF THE EXECUTIVE COMMITTEE

By MADISON GRANT, *Chairman*

THE Executive Committee submitted its report to the Society at the meeting of 1925

During the year there have been several changes in the Board of Managers

The Endowment Committee held a number of meetings during the year in an effort to complete the fund of \$1,000,000. Conventional subscriptions amounting to \$700,000 and donations in cash of about \$87,000 have been received, leaving a balance of \$213,000 as yet unsubscribed. To complete the fund for the year, the President of the Society, this amount must be completed by the Spring Meeting on May 20, 1926, and the Executive Committee hopes that every member of the Board will help the Endowment Committee in completing the endowment.

Owing to inadequate City maintenance, the Society is obliged to pay large sums annually to the Park for maintenance. From a painting by Julian Long, presented to the Society in 1924 by the Board of Managers, so that additional Endowment is needed to meet the maintenance of the Society at the present standing, but to meet the maintenance and to expand its activities and educational work, especially for children.

GENERAL ENDOWMENT ACCOUNT

The General Endowment Account on December 31, 1925, amounted to \$935,720.33. The additions during the year were as follows:

Funds as of January 1, 1925	\$576,198.00
Edwin Gould	115,000.00
C. F. Dieterich	1,000.00
Oswald W. Uhl	800.00
Life Memberships	2,000.00



HENRY FAIRFIELD OSBORN

PRESIDENT OF THE NEW YORK ZOOLOGICAL SOCIETY
1909—1924

CHAIRMAN OF THE EXECUTIVE COMMITTEE
1896—1903 and 1907—1909

*From a painting by Julian Lamar
Presented to the Society in 1924 by the Board of Managers*

REPORT OF THE EXECUTIVE COMMITTEE

By MADISON GRANT, *Chairman*

THE Executive Committee submits the following report for the year 1925:

During the year there have fortunately been no deaths or changes in the Board of Managers.

The Endowment Committee held a number of meetings during the year in an effort to complete the fund of \$1,500,000. Conditional subscriptions amounting to \$700,000 and donations in cash of about \$87,000 have been received, leaving about \$713,000 as yet unsubscribed. To comply with the terms of one of the conditional subscriptions, this amount must be completed by the Spring Meeting on May 20, 1926, and the Executive Committee hopes that every member of the Board will help the Endowment Committee in completing the endowment.

Owing to inadequate City maintenance, the Society is obliged to pay large sums annually to the Park and smaller sums to the Aquarium, so that additional Endowment is necessary not only to maintain the Society at the present standing, but to issue its publications and to expand its scientific and educational work, especially for children.

GENERAL ENDOWMENT ACCOUNT

The General Endowment Account on December 31, 1925, amounted to \$595,720.35. The additions during the year were as follows:

Funds as of January 1, 1925.....	\$576,198.90
Edwin Gould	\$15,000.00
C. F. Dieterich	1,000.00
Oswald W. Uhl	800.00
Life Memberships	2,000.00

Various Subscriptions	595.00	
Profit on Sale of Bonds.....	126.45	19,521.45
		<hr/>
Total, January 1, 1926.....		\$595,720.35

SAGE ENDOWMENT ACCOUNT

On January 1, 1925, the principal of this account amounted to \$616,033.29. During the year the sum of \$1,958.75 was received as profit on the sale of bonds, and a stock dividend of \$630.00, making a total on hand, January 1, 1926, of \$618,622.04.

ROCKEFELLER ENDOWMENT ACCOUNT

The principal of this account as of December 31, 1925, amounted to \$500,000.00.

GEORGE F. BAKER ENDOWMENT ACCOUNT

The George F. Baker Endowment Account amounted to \$100,000.00 on December 31, 1925.

CADWALADER ANIMAL ENDOWMENT ACCOUNT

The principal of this fund amounts to \$20,000.00. During the year the sum of \$1,000 was received as interest on investments, making the total interest on hand on December 31, 1925, \$5,296.58, which is available for the purchase of animals.

FLORENCE LYDIG STURGIS ACCOUNT

The principal of this account amounts to \$10,000. The interest on this account during the year amounted to \$550, making the total interest on hand, December 31, 1925, \$951.81, which is available for the protection of bird life in general and for the acquisition of birds for our collection.

STOKES BIRD ENDOWMENT ACCOUNT

The principal of the Stokes Bird Endowment Account amounts to \$5,000. During the year the sum of \$200 from interest on investments was added to this account and \$250 was expended. The balance of accumulated interest available for bird protection amounts to \$608.54.

CARNEGIE PENSION ENDOWMENT ACCOUNT

The principal of this account amounted to \$100,066.25 on December 31, 1925.

ANIMAL ACCOUNT

During the year the sum of \$21,351.75 was received in this account and \$20,843.01 was expended. The total on hand December 31, 1925, including funds on hand at the beginning of the year, amounted to \$22,701.50.

ART GALLERY ACCOUNT

On December 31, 1925, the Art Gallery Account amounted to \$6,078.73. The following subscriptions were received during the year:

Lispenard Stewart	\$1,000.00
Percy R. Pyne	250.00
George C. Clark, Jr.....	250.00
C. F. Dieterich	250.00
Cleveland H. Dodge	250.00
Edward S. Harkness	250.00
Anthony R. Kuser	250.00
Ogden Mills	250.00
Mortimer L. Schiff	250.00
Frank K. Sturgis	250.00
Irving K. Taylor	250.00
	<hr/>
	\$3,500.00

A number of these gentlemen have indicated their willingness to renew their subscriptions to 1927. Each year one picture is purchased from this account for the Gallery of American Wild Life at the Zoological Park. In 1924 a picture by Carl Rungius of "Rocky Mountain Sheep" was bought. In 1925 a picture of the "Timber Wolf" by Mr. Rungius was ordered and is nearing completion.

IMPROVEMENT AND REPAIR ACCOUNT

The Improvement and Repair Account shows a balance on hand on December 31, 1925, of \$1,600.51. The Gate Receipts for the year were applied to this account, amounting to \$19,974.05, and the total expenditures were \$19,715.80.

GENERAL INCOME ACCOUNT

The balance in this account on December 31, 1925, amounted to \$246.96. Funds from this account are used to help out the Pension Fund, the Publication Account, the deficit on Park and Aquarium Maintenance, the Library Account, special maintenance for the Park and Aquarium, and to meet many other expenses of the Society not possible through other funds. This account, therefore, needs all possible support.

PUBLICATION ACCOUNT

On December 31, 1925, the balance in the Publication Account amounted to \$75.18. The following publications appeared during the year: Six numbers of the Bulletin, Annual Report, seven numbers in various volumes of Zoologica, and an index to Volume III. The sum of \$16,000.00 was transferred from the General Income Fund to this account and the remaining amount of \$158.88 was received from the sale of publications, photographs, slides, etc.

TROPICAL RESEARCH ACCOUNT

During the year the following subscriptions were received:

George F. Baker	\$1,000.00
John E. Berwind.....	1,000.00
Robert S. Brewster.....	1,000.00
T. Coleman duPont	1,000.00
Edward S. Harkness	1,000.00
Anthony R. Kuser	1,000.00
Ogden Mills	1,000.00
George D. Pratt	1,000.00
Mortimer L. Schiff	1,000.00
Dr. Lewis R. Morris.....	500.00
Cleveland H. Dodge	250.00
	<hr/>
	\$9,750.00

The balance on hand as of December 31, 1925, is \$291.18.

ARCTURUS EXPLORATION ACCOUNT

On January 1, 1925, this account totalled \$35,893.64. The following contributions were made during the year:

Harrison Williams	\$132,353.28
American Museum	5,000.00
Thomas S. Gates	500.00
Arthur E. Newbold	500.00
Junius S. Morgan	250.00
	<hr/>
	\$138,603.28

making a total available for the year of \$174,496.92, of which Mr. Williams contributed \$132,353.28.

LIBRARY ACCOUNT

The sum of \$1,500.00 was transferred to this account from the General Income Fund during the year. On December 31, 1925, the balance on hand amounted to \$567.87.

HEADS AND HORNS COLLECTION ACCOUNT

The balance on hand on December 31, 1925, was \$420.55 and during the year \$1,000.00 was transferred to this account from the General Income Fund. The sum of \$667.78 was expended during the year.

MEMBERSHIP

During the year the following new members were obtained:

Fellow	2
Life	8
Annual	89
	<hr/>
	99

The total enrolled membership of the Society as of December 31, 1925, is as follows:

Honorary Members	8
Benefactors	7
Founders in Perpetuity	16

Founders	8
Associate Founders	15
Patrons	35
Life Members	376
Annual Members	2,307

Total..... 2,772

Ladies' Auxiliary	31
Fellows	38
Corresponding Members	9
Sustaining Members	11

After deducting the deaths and resignations, this shows a loss of 50 over 1924.

ATTENDANCE

The attendance for the year 1925 (and 1924) at the Park and Aquarium is as follows:

	1924	1925
Park	2,572,050	2,492,482
Aquarium	1,795,075	1,703,193
	<hr/>	<hr/>
	4,367,125	4,195,675

The decrease in attendance is due largely to the repairs and alterations at the Aquarium, and weather conditions at the Park.

COLLECTIONS AT THE PARK AND AQUARIUM

The following is a report of the species and specimens at the Park and Aquarium as of January 1, 1926:

PARK				
	January 1, 1925		January 1, 1926	
	<i>Species</i>	<i>Specimens</i>	<i>Species</i>	<i>Specimens</i>
Mammals	197	554	201	563
Birds	804	2,246	787	2,103
Reptiles and Am- phibians	78	562	92	395
	<hr/>	<hr/>	<hr/>	<hr/>
	1,079	3,362	1,080	3,061

AQUARIUM

	January 1, 1925		January 1, 1926	
	<i>Species</i>	<i>Specimens</i>	<i>Species</i>	<i>Specimens</i>
Mammals	1	1	1	1
Birds	2	2	3	5
Reptiles	16	107	18	71
Amphibians	6	92	6	68
Fishes	114	2,936	133	2,314
Invertebrates	11	2,083	14	664
	<hr/>	<hr/>	<hr/>	<hr/>
	150	5,221	175	3,123

ALTERATIONS

On January 29, 1925, the Board of Estimate and Apportionment appropriated \$33,000 to complete repairs on the Aquarium. This work is nearly finished and will provide the Aquarium staff with adequate quarters which have long been needed for administration and scientific purposes.

IMPROVEMENTS AND REPAIRS AT THE PARK

On the 31st of July, 1925, the Board of Estimate and Apportionment finally passed an appropriation for the much-needed improvements at the Park. The sum of \$30,000 was allotted for general repairs, and \$22,000 was also provided for replacing the present polychrome tile roof of the elephant house with a copper roof. Owing to the deterioration of the present tiles, prompt action is necessary to prevent serious damage to the interior. Contract for this work has been awarded to the Christie Cornice Skylight Company, amounting to \$12,994. Work will not be commenced until the Spring of 1926, after the unfavorable weather conditions of winter have passed.

ARCTURUS EXPEDITION

A special report will be devoted to the *Arcturus* Expedition which, under the command of Mr. William Beebe, Director of the Tropical Research Department of the Zoological Society, sailed from New York, on February 10, 1925, and returned July 30, 1925, having visited the Sargasso Sea and the vicinity of the Galapagos Islands, via Panama.

This expedition was devoted to deep-sea dredging and was fortunate in having the unique opportunity of studying the changes in marine life caused by the deflection of the cold waters of the Humboldt Current and by the volcanic eruption on the coast of the Galapagos Islands. The total cost of the expedition was \$180,969.17, of which Mr. Harrison Williams subscribed \$142,353.28.

EDUCATION

The Executive Committee have purchased one set of three films of "Living Natural History" from Mr. Raymond L. Ditmars for \$3,500. These films will be used for educational lectures at the Park during the coming year. Funds are greatly needed for the development of the educational work at the Park, which offers unique possibilities. Lectures were given at the Park during the summer of 1925 and were attended by nearly 3,200 children. The Executive Committee also adopted the policy of subsidizing speakers on the radio for the purpose of advancing education and science. These radio talks proved a great success and will be continued during the coming year.

BY-LAWS

At the Spring Meeting of the Board of Managers important changes were made in the By-Laws, reducing the number of Managers necessary for a quorum from 19 to 12 and changing the date of the Annual Meeting of the Board of Managers to the 26th day of December each year, to coincide with the Annual Dinner.

RECEPTIONS

Annual Dinner—The Seventeenth Annual Dinner to the Board of Managers was held through the courtesy of Dr. Lewis R. Morris, at the Metropolitan Club, on Saturday, December 26th, 1925. Immediately after the dinner the Annual Meeting of the Board of Managers was held in accordance with the changed by-laws.

Spring Meeting—The Spring Meeting of the Board of Managers was held in the Administration Building on Thursday, May 21, 1925. The meeting was preceded by a luncheon and followed by the Annual Garden Party at which the Ladies' Auxiliary acted as a Reception Committee.

MEMORANDUM OF MEETINGS
1926-1927

Annual Meeting of the Society:
JANUARY 11, 1927, 8:30 P.M.
Hotel Waldorf-Astoria

Meetings, Board of Managers:

Annual Meeting:
December 27, 1926

Park Meeting:
May 20, 1926, 2:30 P.M.
Preceded by luncheon at 1:30 P.M.

Executive Committee Meetings:

January 21
February 10
March 10
April 14

May 12
June 9
October 13
November 10

December 8

Annual Dinner of Managers:
December 27, 1926

Members' Day and Ladies' Day at the Zoological Park
May 20, 1926, 3:00 P.M.

AUDITING

The Auditors, Messrs. Peat, Marwick, Mitchell & Co., have audited and found correct the accounts of the Society.

The Auditor's Report, as well as that of the Auditing Committee, follows the Report of the Treasurer.

CONSERVATION RESOLUTIONS

Introduced by Dr. William T. Hornaday, Director of the New York Zoological Park and unanimously passed by the Zoological Society at its thirty-second Annual Meeting, held at the Waldorf-Astoria, on Tuesday, January 12, 1926.

Whereas, Legislation has been introduced in the United States Senate, impairing and limiting the control of the Federal Government in that portion of its public lands set aside as forest reserves, and

Whereas, Such proposed legislation will benefit private interests at the expense of the public welfare, and

Whereas, The cattle and sheep interests have demanded that no new national parks be created out of the public domain, and further that no existing national parks be enlarged, and

Whereas, The continuance of many forms of wild life is dependent on the integrity and extension of the national parks and national forests, now, therefore, be it

Resolved, That the New York Zoological Society strongly endorses the present policies of the Bureau of Forestry in its efforts to prevent over-grazing of the ranges within the forest reserves, in its efforts to protect wild life, and to promote the recreational use of the area under its charge. The Zoological Society further affirms that the Federal Government hold national parks and national forests and other public lands as trustee for the people of the nation, and not merely for the benefit of the communities adjoining such public lands.

ACKNOWLEDGEMENTS

The Directors of the Park and Aquarium and their respective staffs have worked faithfully to maintain their institutions at a high standard of efficiency. The Committee desires to acknowledge with appreciation their zeal and energy.

MADISON GRANT, *Chairman*

PERCY R. PYNE

HARRISON WILLIAMS

WILLIAM WHITE NILES

HENRY D. WHITON

FRANK K. STURGIS

W. REDMOND CROSS

ANTHONY R. KUSER

HENRY FAIRFIELD OSBORN, JR.

CORNELIUS R. AGNEW, *Ex-officio*

REPORT OF
THE LADIES' AUXILIARY
Of The New York Zoological Society

THE usual manifold duties of the Ladies' Auxiliary were carried on during the year 1925.

Mrs. Michalis, Chairman of the Junior Auxiliary, reports that this Auxiliary now has an active membership of 235 members.

The annual lecture for the Junior members was held at the residence of Mrs. Marshall Field on January 7, 1925. The lecture was the most successful one that has yet been given, with by far the largest attendance recorded.

Mr. Ditmars, Curator of Reptiles at the Park, presented one of his fascinating topics from his Living Book of Nature.

The Childrens' Excursions to Bronx Park, under the supervision of Miss Pauline Robinson, Chairman of the Committee for Children's Excursions to the Zoological Park, were operated throughout the season. Over 2,582 children, from the various play centers were given outings at the Zoological Park. The total cost of lunches in connection with these outings was \$386.20. Of this total amount the sum of \$280.00 was donated by the members of the Ladies' Auxiliary, and the balance was paid by the Parks and Playgrounds Association.

Mr. William Beebe spoke in detail of the interesting events of his latest trip to the Galapagos, at the mid-winter lecture of the Auxiliary—at the residence of Mrs. Percy R. Pyne. Appreciative listeners greatly enjoyed Mr. Beebe's delightful recital of his deep-sea exploration.

As a result of this meeting, several new members were enrolled.

The Annual Garden Party which was held at the Park in May was attended by the usual large numbers of the members of the Society and friends.

The day was mild and pleasant and the various interesting collections of the Park were viewed under the most auspicious conditions.

The usual musical program was provided and tea was served on the lawn south of the Administration Building.

These functions have become of great importance to the Society as they serve not only to bring the members to the Park in impressive numbers, but also to better present the really admirable work of the Society in the projection and development of the wonderful Zoological Park of the New York Zoological Society.

It is greatly to be desired that the members of the Ladies' Auxiliary realize what a potent factor their work has become in promoting the interests of the Society, increasing its membership and in disseminating knowledge of the objects of the Society, and the great work that the Society really has accomplished.

MRS. HENRY FAIRFIELD OSBORN, *Chairman.*

MRS. CLARENCE G. MICHALIS,

Chairman, Junior Auxiliary of the Ladies' Auxiliary.

MISS PAULINE ROBINSON,

*Chairman of the Ladies' Auxiliary Committee, for Children's
Excursions to the Zoological Park.*

The Ladies' Auxiliary

OF THE

New York Zoological Society

BAKER, MRS. GEORGE F., JR.,
COOGAN, MRS. JAY,
CUYLER, MISS ELEANOR DE GRAFF,
FIELD, MRS. MARSHALL,
FIELD, MRS. WILLIAM B. OSGOOD,
FINCKE, MRS. REGINALD,
FOWLER, MRS. ARTHUR,
GRANT, MRS. DE FOREST,
HAMILTON, MRS. MORGAN,
HARRIMAN, MRS. J. BORDEN,
HOYT, MRS. HENRY R.,
McKAY, MRS. ROBERT GORDON,
MARTIN, MRS. SHELTON E.,
MAYNARD, MRS. WALTER E.,
MICHALIS, MRS. CLARENCE G.,

NILES, MRS. WILLIAM WHITE,
OLIN, MRS. STEPHEN H.,
OSBORN, MRS. HENRY FAIRFIELD,
OSBORN, MRS. H. FAIRFIELD, JR.,
PARSONS, MISS MARY,
PYNE, MRS. PERCY R.,
ROBINSON, MISS PAULINE,
ROCKEFELLER, MRS. WILLIAM G.,
THORNE, MRS. WILLIAM V. S.,
TILFORD, MRS. HENRY M.,
TOWNSEND, MRS. E. M.,
TRIMBLE, MRS. RICHARD,
WEBB, MRS. ALEXANDER S.,
WHITNEY, MRS. GEORGE,
WHITTRIDGE, MISS JOAN,

WOODWARD, MRS. WILLIAM.

The Junior Auxiliary

OF THE

New York Zoological Society

A

ADAMS, AGNES,
ALLEN, IRENE W.,
ALLEN, LUSTINA C.,
ARMSTRONG, AUDREY,
ASTOR, JOHN JACOB,
AUCHINCLOSS, BARBARA,
AUCHINCLOSS, FRANCES,
AUCHINCLOSS, HUGH,
AUCHINCLOSS, MARIA S.,
AUCHINCLOSS, REGINALD,
AUCHINCLOSS, RUTH,

B

BAKEWELL, THOMAS,
BANKS, CYNTHIA,
BANKS, DAVIS,
BANKS, VIEVA,

BATTIE, ANNA,
BENJAMIN, ROGER,
BENJAMIN, SAMUEL,
BENJAMIN, TOWNSEND,
BOARDMAN, BRADFORD,
BOARDMAN, LANSDALE,
BOURNE, HELEN WHITNEY,
BRADY, GENEVIEVE,
BRADY, VICTORIA,
BUGLER, ELEANOR,
BUGLER, HENRY G., JR.,

C

CAMP, WALTER, 3RD,
CARROLL, CAROLINE,
CARROLL, ROSEMARY,
CHILDS, EDWARD P.,
CLARK, EVELYN B.,

CLYDE, MARSHALL, JR.,
CODDINGTON, JAMES I.,
COLLINS, JULIA,
COLLINS, MINTURN P.,
COLLINS, WILLIAM B.,
CUTLER, J. W., JR.,

D

DARLINGTON, JANE,
DELAFIELD, EUGENE, JR.,
DELAFIELD, PEGGY,
DE STREEVE, BORIS,
DE STREEVE, ELENA,
DICK, J. HENRY, 2ND,
DICK, WILLIAM K., JR.,
DICKERMAN, MISS CORNELIA R.,
DICKERMAN, MISS HONOR R.,
DICKEY, CHAS. D., JR.,
DICKEY, MARY SLOAN,
DOWD, ANDREA,
DREXEL, JACK,

E

EGER, CYNTHIA,
EGER, GEORGE A., JR.,
EGGERT, FLETCHER,
ELMENDORF, KATHERINE,
ELMENDORF, SARAH,
ELMENDORF, TEN EYCK,
EMMET, PATRICIA,
EVARTS, POLLY,

F

FAHNESTOCK, EVELYN,
FIELD, FREDERICK V.,
FIELD, MARJORIE L.,
FIELD, MARY A.,
FIELD, WILLIAM OSGOOD,
FILLEY, MARY GRAFTON,
FINCH, ADELAIDE,
FINCH, CHARLES,
FINCH, JOHN,
FINCH, LEROY,
FISHER, CHARLES HERBERT,
FISHER, ELEANOR,
FISHER, ELLIS,
FISHER, IRVING R.,
FLAGLER, JEAN LOUISE,

FLEMING, WILLIAM W.,
FREEMAN, DAVID,
FRUEAUFF, ELAINE,
FRUEAUFF, MARGARET,

G

GEER, LANGDON ROOSEVELT,
GODDARD, MARGARET,
GODDARD, STANHOPE,
GODWIN, BETTY,
GODWIN, MILDRED,
GOULD, EVELYN F.,
GOULD, JOHN L.,
GRAHAM, FREDERICK,
GRAHAM, JOHN,
GRAY, ARTHUR Z.,
GRAY, AUDRY,
GRAY, ELEANOR,
GRAY, MARION N.,
GRAY, MILO,
GRAY, VIRGINIA,

H

HADDEN, KENNETH,
HADDEN, LYDIA,
HAIGHT, FRANCES T.,
HAIGHT, FREDERICK E.,
HAMMOND, RACHEL,
HARE, MERIC,
HARE, MONTGOMERY,
HIGGINS, ANITA,
HIGGINS, TRUMBULL,
HODGES, WETMORE,
HUBBARD, JANE E.,

I

IRVING, ALEXANDER D.,
IRVING, EVELYN DU PONT, JR.,
ISELIN, LEWIS, JR.,
ISELIN, MARIE,
ISELIN, PETER,

J

JAECKEL, AUDREY,
JAY, ELIZABETH,
JENNINGS, LAURENCE,
JONES, PEGGY,
JONES, POLLY,
JONES, TERRY,

K

KEYES, WILLIAM A., JR.,
KINNECUTT, DOROTHY MAY,
KISSEL, ABBEY THORN,
KISSEL, WILLIAM THORN,

L

LAWRENCE, CONNOR,
LOCKWOOD, MANICE DE FOREST, JR.,
LOWENSTEIN, JUDITH,
LOWENSTEIN, NATHAN,

M

MCBRIDE, SARAH TOD,
MARTIN, MYRA,
MARTIN, JANE,
MARSTON, GEORGE V.,
MARVIN, LANGDON, JR.,
MARVIN, DIANA,
MAYNARD, AUDREY,
MICHALIS, CLARENCE F.,
MICHALIS, HELEN LOUISE,
MICHALIS, MARTHA,
MILBANK, MARGARET,
MILLER, HENRY F.,
MILLER, RUTGER B., JR.,
MILLS, ELIZABETH A.,
MOLONE, ADRIAN,
MOORE, ALLISON,
MOORE, JACK,
MOORE, NINA,
MORRIS, BETTY,
MORRIS, LAETA,
MORRIS, PEGGY,
MORRIS, POLLY,
MURPHY, DONALDSON,

N

NOYES, DAVID,
NOYES, FRANCES,
NUGENT, BETTY,
NUGENT, JULIAN,

O

ORVIS, BARBARA,
ORVIS, CLAY,
OSBORN, ALEXANDER PERRY, JR.,
OSBORN, ALICE DODGE,
OSBORN, ANNE STEELE,

OSBORN, DAVID,
OSBORN, FREDERICK,
OSBORN, JOHN J.,
OSBORN, LUCRETIA PERRY,
OSBORN, MARGARET L.,
OSBORN, MARY,
OSBORN, VIRGINIA S.,
OSBORN, WILLIAM H.,

P

PARDEE, ALTHEA,
PARDEE, PEGGY,
PARDEE, TREVOR,
PATTERSON, EDWARD,
PATTERSON, JOHN C.,
PEALE, PATRICIA,
PELL, GLADYS,
PELL, MARY DUANE,
PELL, POLLY,
PENNOYER, FRANCES,
PENNOYER, PAUL,
PENNOYER, VIRGINIA,
PICKHARDT, THOMAS,
PICKHARDT, WILLIAM P.,
POLK, ALICE P.,
POLK, ELIZABETH S.,
POST, JULESTER L.,
PRATT, ANNA,
PRATT, CAROLINE,
PYNE, ALISON,
PYNE, EBEN W.,
PYNE, GRAFTON H.,
PYNE, H. RIVINGTON, JR.,
PYNE, PERCY R.,

R

RAYMOND, ALLISON,
RAYMOND, C. W.,
RAYMOND, EDWARD A.,
READ, BETTY,
REVILLON, LEONE,
RICHARD, HAROLD VAN B.,
RILEY, EDGAR A.,
RIVES, GEORGE L.,
RIVES, MARGARET L.,
ROBBINS, ELIZABETH B.,
ROGERS, CATHERINE,

ROGERS, ELIZABETH,
ROGERS, MARGUERITE,
ROGERS, MAY,
ROOSEVELT, GEORGE E., JR.,
ROOSEVELT, MARGARET C.,
ROOSEVELT, MEDORA T.,
ROSS, DOROTHY K.,
ROSS, RUBEN J., JR.,

S

SALISBURY, MASON,
SCHIEFFELIN, MARY S.,
SCHMIDT, ALEXANDER,
SHEPARD, HELEN A.,
SHEPARD, FINLEY J.,
SHEPARD, OLIVIA M.,
SHRADY, FREDERICK,
SHRADY, LEWIS,
SIMMONDS, JULIS G.,
SIMMONS, GEORGIA,
SMITH, BETTY,
SMITH, KATHARINE,
SMITH, MARJORIE,
SMITH, MARY C.,
SPRAGUE, MARY HOLT,
STEEL, LANGER B., JR.,
STEEL, WILLIAM,
STEELE, ELIZABETH,
STORER, ADELAIDE E.,

T

TAYLOR, MARJORIE,
THACHER, ARCHIBALD G., JR.,
THACHER, HENRY C., JR.,
THACHER, ISABEL D.,
THACHER, JOSEPHINE,
THORNE, HARRIET,
THORNE, JONATHAN,
THORNE, S. KEYSER,
THORNE, THERESE,
TODD, KATHERINE K.,
TORNEY, BERTHA,

V

VANTINE, BILLY,
VANTINE, JOAN,

W

WALKER, ELEANOR,
WEBB, BARBARA,
WEBB, FREDERICK,
WEBB, OSBORN,
WEBB, RICHARD,
WEST, DAVENPORT, JR.,
WEST, JOHN P.,
WIGHAM, REGINALD E.,
WIGHAM, ROSANNE L.,
WOOLVERTON, HUGH,
WOOLVERTON, WILLIAM,

Z

ZIEGLER, BARBARA,
ZIEGLER, ELIZABETH.



MOOSE; YOUNG MALE PURCHASED 1925
Alces americanus

REPORT OF THE DIRECTOR OF THE ZOOLOGICAL PARK

By WILLIAM T. HORNADAY

THE outstanding new features of the annals of the Zoological Park for 1925 are the granting of \$52,000 by the Board of Estimate for repairs, a huge deficit in city maintenance, the losing of Mr. Hermann W. Merkel to the Westchester County Park Commission, the gaining of Mr. Charles J. Renner, C.E., the dredging of Lake Agassiz, the summer series of tent lectures, with moving pictures, the opening of a new riding-animal field, the weekly broadcasting by radio of Zoological Park wild-animal lore, and the trip of Mr. R. L. Ditmars to Sao Paulo, Brazil, to promote an adequate and regular supply of rattlesnake antivenomous serum for the United States.

PUBLIC SCHOOL "EDUCATION"

The perennial question of the duty of the Zoological Park to education, as it is purveyed in the public schools of New York City, was debated at intervals throughout the entire year, and always with the same conclusion. The things that the Park "could-do-if," are numerous and desirable. Toward those ends, no funds whatsoever are available; because the Society's entire annual income is absorbed in meeting the demands of insatiable emergencies and existing obligations. Whenever the life-or-death needs of the Society are properly financed, and a balance is left over for academic purposes, the Zoological Park can take a hand in the increase and diffusion of zoological knowledge among the school pupils of New York. Until those two conditions are met (by an adequate endowment fund) the school activities of the Park must remain undeveloped. At present the Society is concerned with its quest for the bare necessities of life. The deficit in Park maintenance alone, and without the Aquarium, for 1925 amounts to \$50,702.48, all of which the Zoological Society's slender income must pay.

A SUM FOR REPAIRS

The Zoological Park has been open to the public for twenty-six years from November 8, 1899. As if in celebration of a quarter-century of almost complete immunity from the burden of repairs to permanent improvements, the City of New York at last broke its record, and gave us the sum of \$52,000, which actually became available in the autumn of 1925. Of the sum secured, \$22,000 is for new roofing on the dome and halls of the Elephant House, and the remainder—\$30,000—is covering a long list of miscellaneous demands.

THE ANIMAL FUND

Heretofore the annual repair burdens have been borne by the gate receipts, at the expense of the animal fund; and this annual diversion seems to have become a permanent policy. It is indeed fortunate that by reason of Mr. H. R. Mitchell's enterprise and success, the profits of the privilege business are able to provide funds for the purchase of animals that annually must be made. Hereafter, however, on account of the permanently increased prices charged for the live mammals, birds and reptiles that are most desirable, the annual animal fund expendable must be increased to about \$25,000. At the end of 1925, except for the carefully preserved savings in the Cadwalader Animal Fund (of \$5,296.58), the Society's animal fund was completely exhausted.

In 1926 the Society should purchase a baby white rhinoceros, and if this is done the cost involved will be considerable. All persons having *already in their possession* any white rhinos for sale are invited to submit tenders for furnishing one good, healthy specimen, laid down in New York.

ANIMAL LOSSES AND GAINS

Not one really important or conspicuous animal died in the Park during 1925. The usual number of commonplace losses occurred, all of which were more than offset by new purchases. The most notable accession was a specimen of the very interesting Abyssinian wild ass, a species so rare, even in its own country, that living specimens very rarely are seen in captivity anywhere. This animal is almost white, with a dark back-stripe. Our specimen (the only one of which we know in captivity) was made possible through the very energetic good offices of United States Minister J. Morton Howell, at Cairo, and the British

High Commissioner, Lord Allenby, who prevailed upon the Government of the Egyptian Sudan, at Kartoum, to issue in our behalf a permit to capture the animal now living comfortably in our Zebra House. The expedition to Kartoum for rare Sudanese animals was dispatched by Mr. Ellis S. Joseph, and it encountered grave difficulties.

BIRTH OF MUSK-OX CALVES

Until the present year the history of the breeding of the musk-ox in captivity was expressible in one interrogation point. So far as we knew, none ever had been born. On or about September 1, a spiteful critic of the Zoological Park flatly informed the public, in a letter printed in a New York newspaper, that our musk-oxen were badly placed and badly kept, that they never would breed, but would "die long before their time."

On September 7, one of the musk-ox cows gave birth to a perfectly formed calf weighing fourteen pounds. On September 14, another calf was born, 18 inches high, and weighing 16 pounds. Unfortunately both mothers were so young that their first offspring lacked the vigor that would enable them to carry on, and despite our best efforts with nursing bottles and milch goat, both calves died a few days after their birth. This was quite in line with the fate of many first-born wild animals in captivity, and it is now expected that future issues will be stronger, and able to survive. One of the calves has been mounted, and presently will be exhibited in the Heads and Horns Museum, as ocular proof of the ability of *Ovibos wardi* to breed in captivity, even in the erratic climate of New York City.

LECTURES TO SCHOOL CHILDREN

At the suggestion of Mr. Irving K. Taylor, of the Society's Board of Managers, a course of weekly lectures was given to the school children of the city during July and August, by officers of the Zoological Park staff.

Because of the fact that the Zoological Park does not possess a lecture hall, the unique experiment was tried of holding these lectures in a large tent erected on the lawn immediately south of the Ostrich House in Audubon Court. The tent was forty by eighty feet, and provided a seating capacity of 500 children. The lectures were illustrated by motion pictures projected upon a "Day-Light Screen."

This very difficult undertaking was managed by Assistant Director Blair and Curator Ditmars, and it was only by the utmost diligence and industry that the light of the tent was prevented from spoiling the pictures on the screen. The need for a *closed* auditorium building was fully demonstrated.

About 28,000 feet of films, representing a total length of about five and one-half miles, were used in the eight lectures. The subjects covered various phases of mammal, bird, and reptile life, their habits and actions, and were selected from Mr. Ditmars' educational films, "Living Natural History," with special reference to the animals living in the Park which afterwards might be studied in the collections.

The total attendance for the series was 3,628; the largest number present at one time was 700, and the smallest, 142, the average being 453. The average attendance was undoubtedly greatly reduced owing to the fact that on two occasions the days were stormy, with heavy rain and high winds.

The ages of those in attendance ranged from 7 to 12 years. A considerable number of the children attended all the lectures. At the close of the course a committee of the children suggested to one of the officers that "it would be a good idea to continue the lectures throughout the school year so that we might come to the Zoological Park every Friday afternoon to study natural history."

ATTENDANCE

It will be observed that the attendance of visitors at the Zoological Park for the year 1925 fell only 7,500 short of two and one-half millions. The experience of the past three years seems to quite justify the friends of the Zoological Park in speaking of its annual attendance as 2,500,000.

	1925	1924
January	61,491	63,915
February	114,605	70,387
March	167,631	217,597
April	238,355	227,925
May	348,288	296,856
June	235,323	419,047
July	376,874	373,209
August	369,583	317,078

September	238,548	201,778
October	109,109	214,431
November	157,977	112,458
December	74,598	57,369
	<hr/>	<hr/>
	2,492,482	2,572,050

DEPARTMENT OF MAMMALS

W. T. HORNADAY, Curator; R. L. DITMARS, Assistant Curator;
JOHN TOOMEY, Head Keeper

Several important hoofed animals were purchased during the past year. The most valuable among these was an Abyssinian wild ass, received in June. This is the first living specimen of its species exhibited in the United States, and adds to the broad interest of the already extensive and very interesting series of wild equines. Next in importance was the tiang antelope, an African species with striking markings. A fine leucoryx antelope was added to the collection at the Antelope House. It is also of interest to note that a thriving young moose was purchased in Canada, in June, and assigned a large and shady corral in the north-western portion of the Park close to the Asiatic Deer enclosures, where it has thrived and grown. Another specimen of the rare white-lipped peccary was added to the fine series of wild swine.

There were numerous births among the herds of bison, elk, white-tailed deer, red deer, axis deer, sika deer, fallow, and hog deer. Among the more important births,—all of the young animals continuing to thrive,—were a Mongolian wild horse, Chapman-Burchell zebra and pygmy hippopotamus. The young giraffe born in 1924 has rapidly grown, and is now about four feet taller than at birth. Its growth is recorded by white (painted) rings on a corner post of its generous stall, the rings bearing the dates of measurement.

Gifts to the department during the year are recorded in another part of this report.

The year was marked by a remarkable absence of important losses. The general condition of the collection remains at a very high standard as to condition of health and exhibition value.

A young red howler monkey has been reared from a small specimen to almost full adult size. This is rather a noteworthy achievement,

because the species is rated as notoriously delicate in captivity. This animal has been fed largely upon different kinds of leaves, consuming large quantities daily.

There were the usual lectures and assistance to student classes, and a series of lectures upon the mammals, illustrated with motion picture films of the Park's collections, in a large tent erected near the Antelope House. A notice of these lectures appears in another portion of this report. A series of mammals, birds and reptiles was loaned to the Washington Irving High School for permanent exhibition in the School's zoological room. This cooperation with the Board of Education has continued for a number of years. The School has its own keeper to look after the collection, but a veteran keeper of our staff makes weekly inspections.

As usual, the Park collections were diligently used throughout the year by animal painters and sculptors.

A census of the collection, prepared on the closing day of the year, follows:

<i>Orders</i>	<i>Species</i>	<i>Specimens</i>
Primates	41	78
Carnivora	51	113
Pinnipedia	2	5
Insectivora	1	1
Rodentia	20	65
Ungulata (Artiodactyla)	51	224
Ungulata (Perissodactyla)	14	24
Proboscidea	3	3
Edentata	2	4
Marsupialia	16	46
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Total.....	201	563

DEPARTMENT OF BIRDS

LEE S. CRANDALL, Curator; WILLIAM BEEBE, Honorary Curator;
SAMUEL STACEY, Head Keeper.

The past year has seen the definite adoption, by this Department, of a policy which has been developing gradually for some time. The bird collections have reached the limit of our capacity for housing them. In fact, our accommodations frequently have been seriously over-

taxed. Having definitely established a satisfactory position in this field, we began to believe that our honors were somewhat hollow, and that there is small merit in mere numbers. This impression has grown at last into a logical policy. Our efforts to maintain crowded aviaries and an imposing total of inhabitants have been relaxed, and our energies have been more strongly directed toward the acquisition of individuals of particular interest and beauty. While our enclosures may hereafter contain fewer inmates, our comparative numerical standing will remain satisfactory, and the zoological value of our birds will be increased. We are convinced that the removal of any hint of overcrowding, with resulting improvement in the beauty and condition of our exhibits, will more than balance any loss in numbers, and actually strengthen our position.

One of the year's most important accessions arrived just before its close. This included two greater birds of paradise (*Paradisea apoda*), a species always in great demand by our visitors, and two beautiful black and cobalt Malayan fairy blue birds (*Glauconympha cyanea*). Most important of all is a great black and scarlet vulture-headed parrot (*Dasyptilus pesqueti*), from New Guinea. This bird is a real treasure, from every point of view, and, as far as known, is the second living specimen ever to reach America.

In June, a very large consignment of birds and animals was brought to New York from Egypt, and from it we secured a number of rarities. The most striking is the very rare saddle-billed stork (*Ephippiorhynchus senegalensis*), probably the tallest and most strikingly colored member of this Family. The shipment also yielded specimens of Ruppell's vulture (*Gyps ruppellii*), the Egyptian white vulture (*Neophron percnopterus*) and the northern eared vulture (*Torgos tracheliotus nubicus*), all new to our collection.

Mr. Roy Chapman Andrews, leader of the Fourth Asiatic Expedition of the American Museum of Natural History, returned to New York in November, with a splendid specimen of the Chinese hooded vulture (*Aegyptius monachus*), which he presented to the Zoological Society. Our series of Old World vultures now includes ten species, a number which we never before have attained.

The *Arcturus* Oceanographic Expedition, under the leadership of Mr. William Beebe, secured for the Zoological Park a number of birds

of special interest and value. The first to arrive were two magnificent Galapagos albatrosses (*Diomedea irrorata*), which were specially exhibited at the garden party, held in May. Albatrosses seldom find their way into collections, and little is known concerning their needs. Our specimens seemed to thrive at first, but in spite of an abundance of salt water from the open sea, kindly furnished by the Aquarium, both birds died after about six months with us. Their loss is one of the burdens of failure which every zoological collection must bear.

The Zoological Park in general, and the Department of Birds in particular, was deeply shocked, on March 30, 1925, by the death of Keeper Louis Wahl. Keeper Wahl had been a member of the department since 1909. From the beginning he was keenly interested in his charges, and unceasing in his efforts to promote their welfare. His loss has left a vacancy which only time can fill.

SPECIES OF BIRDS NEW TO THE COLLECTION

Received during 1925.

- Chestnut-bellied Sand-grouse—*Pterocles senegaiensis senegalensis* Licht.
 Metallic Pigeon—*Columba metallica* Temm.
 Socorro Mourning Dove—*Zenaidura graysoni* Lowe.
 Dussumier Turtle Dove—*Streptopelia dussumieri* (Temm.).
 Black-winged Dove—*Metriopelia melanoptera melanoptera* (Mol.).
 Bar-tailed Pigeon—*Macropygia tusalia* (Blyth.).
 Spotted Crake—*Porzana porzana* (Linn.).
 Galapagos Albatross—*Diomedea irrorata* Salvin.
 Peruvian Stone Plover—*Burhinus superciliaris* (Tsch.).
 African White-necked Stork—*Dissoura episcopus microscelis* (Gray).
 Saddle-billed Stork—*Ephippiorhynchus senegalensis* (Shaw).
 White-crested Bittern—*Tigriornis leucolopha* (Jard.).
 Blue-footed Booby—*Sula nebouxi* Milne—Ed.
 Brewster Booby—*Sula brewsteri* Goss.
 Rüppell Vulture—*Gyps ruppellii ruppellii* (Brehm.).
 Northern Eared Vulture—*Torgos tracheliotus nubicus* Smith.
 Egyptian White Vulture—*Neophron percnopterus percnopterus* (Linn.).
 Guiana Crested Eagle—*Morphnus guianensis* (Daud.).
 Citron-crested Cockatoo—*Kakatoë citronocristata* (Fraser).
 Golden Conure—*Eupsittula guarouba* (Gmel.).
 Pesquet's Vulture-headed Parrot—*Dasyptilus pesqueti* (Less.).

Donaldson Touraco—*Turacus leucotis donaldsoni* Sharpe.
 Senegal Touraco—*Turacus persa persa* (Linn.).
 Double-collared Aracari Toucan—*Pteroglossus bitorquatus* Vig.
 Malayan Fairy Blue-bird—*Glaucynympha cyanea cyanea* (Begbie.).
 Red-capped Babbler—*Timalia bengalensis* God.-Aust.
 Hood Island Mockingbird—*Nisomimus macdonaldi* Ridg.
 Abyssinian Splendid Sun-bird—*Cinnyris habessinicus* (H. & E.).
 Fischer Singing-finch—*Serinus dorsistriatus* Reiche.
 Japanese Yellow Bunting—*Emberiza sulphurata* Temm. & Schl.
 Diuca Finch—*Diuca diuca* (Mol.).
 Gay's Finch—*Phrygilus gayi* (Eyd. & Gerv.).
 Buff-crowned Whydah—*Linura fischeri* (Reich.).
 Rosy-backed Waxbill—*Estrilda rhodopyga* Sundev.
 Patagonian Red-breasted Blackbird—*Trupialis militaris* (Linn.).
 Golden-breasted Glossy Starling—*Cosmopsarus regius* (Reich.).
 Crested Glossy Starling—*Galeopsar salvadorii* Sharpe.
 King Bird of Paradise—*Cicinnurus regius* (Linn.).

CENSUS OF BIRDS LIVING IN THE NEW YORK ZOOLOGICAL PARK
JANUARY 1, 1926

		<i>Species</i>	<i>Specimens</i>
Rheiformes,	Rheas	1	1
Struthioniformes,	Ostriches	2	3
Casuariiformes,	Cassowaries and Emus.....	2	8
Tinamiformes,	Tinamous	3	4
Galliformes,	Quail, Pheasants, etc.....	65	149
Turniciformes,	Hemipodes	3	5
Pteroclitidiformes,	Sand Grouse	2	5
Columbiformes,	Pigeons and Doves	74	134
Ralliformes,	Rails and Gallinules	15	25
Sphenisciformes,	Penguins	1	1
Lariformes,	Gulls and Terns	15	48
Charadriiformes,	Plovers and Sandpipers....	9	18
Gruiformes,	Cranes, Seriemas, etc.....	14	24
Ardeiformes,	Ibises, Storks and Herons...	29	56
Palamedeiformes,	Screamers	2	3
Phoenicopteriformes,	Flamingoes	1	2
Anseriformes,	Swans, Geese and Ducks...	56	306
Pelecaniformes,	Cormorants, Pelicans, etc...	15	26

Cathartidiformes,	New World Vultures.....	3	5
Accipitriformes,	Old World Vultures, Hawks and Eagles	27	38
Strigiformes,	Owls	16	30
Psittaciformes,	Parrots, etc.	91	219
Coraciiformes,	Kingfishers, Hornbills, etc..	8	8
Cuculiformes,	Cuckoos and Touracos.....	9	15
Scansoriiformes,	Barbets and Toucans	13	20
Piciformes,	Woodpeckers	3	5
Passeriformes,	Perching Birds	308	945
Total.....		787	2,103

Summary: Orders, 27; Species, 787; Specimens, 2,103.

DEPARTMENT OF REPTILES

RAYMOND L. DITMARS, Curator; JOHN TOOMEY, Head Keeper

From the standpoint of exhibition value and general interest, the past year has been the most important in the history of the Reptile House. The collection of poisonous serpents has become really spectacular, both in the number of specimens, great variety of species, and the widely scattered New and Old World areas of distribution that are represented. Very wide publicity in the newspapers and magazines about this really great series of the world's most deadly types of reptiles has brought us many visitors so heartily interested that all members of this department have been called upon to answer questions innumerable.

The most important additions during the year were the series of African poisonous serpents and the Brazilian series. The former brought to us a number of species never before exhibited alive in the United States. Among these were the black-necked cobra, the green mamba, the black spitting cobra, the boomslang, the Gaboon viper and the rhinoceros viper. Few such formidable shipments have ever been brought together for a zoological institution. The flashing speed and vivid green of the eight-foot mambas is already historic, and the great black spitting cobra, together with the majestic thirteen-foot king cobra (remaining in fine condition), have created a cast of dual stars in the collection. This new cobra is blue-black, with luster like a new gun barrel. As he rises in combat attitude and spreads his hood, two large scarlet patches, as brilliant as the wing markings of a tropical butterfly,

expand in vivid contrast on his flattened neck. The poison is ejected in showers of fair-sized drops against the big plate-glass front of the cage, —and is directed towards the eyes of those who stir the snake to anger. Powerful, aggressive, and ever ready to blind the intruder, no more dangerous serpent can be imagined than this black terror.

The Brazilian series was brought from South America to New York by the Curator, and includes such interesting species as the fer-de-lance, jararaca, jararacacu, urutu, bopeiva, South American rattlesnake, coral snakes, green tree snakes, and other species.

The general activities of the department during the year included collecting trips for local specimens, accomplished by motor to a total distance of approximately twenty-five hundred miles. The Curator cooperated with instructors of a number of classes studying animal biology, which visited the Reptile House. Specimens were taken from the cages for close examination and short talks given as the classes passed from cage to cage. Special lectures on reptiles to large audiences were also given in the auditorium-tent in the Park. These were illustrated by motion pictures prepared by the Curator.

During the early part of the year the Curator, assisted by Head Keeper Toomey, extracted venom from a number of rattlesnakes for shipment to the government institute at Sao Paulo, Brazil, in order that larger quantities of anti-venomous serum for the cure of snake-bites could be made available for the United States. This venom was sent to Dr. Vital Brazil. Later in the year, correspondence from Washington indicated the necessity of a personal visit to Dr. Brazil to discuss in considerable detail the importation of serum into the United States, to conform with the laws of the Department of Hygiene of this government, and also to assure Dr. Brazil of a liberal supply of serpent venom to produce immunization, for large quantities of serum for the future. Other points for consideration with Dr. Brazil related to the development of statistics of snake-bites in the United States, the need for a broad distribution of the serum, and recommendations for a commercial distributing agency.

The Curator brought together the largest quantity of serpent poison that has ever gone to a single institution. The amount (dried) was equivalent to a fluid gallon. In obtaining this venom he was ably assisted by Mr. W. A. King, of Brownsville, Texas. The amount was extracted from several thousand living rattlesnakes. It was afterwards

explained by Dr. Brazil to be sufficient to produce large quantities of serum annually for the United States for a period of about thirty years.

The trip to Brazil was made to Rio de Janeiro on one of four fine vessels of the Munson Line,—the *Southern Cross*. From Rio, the Curator made the journey by train to Sao Paulo, and there made a thorough study of the government plant for snake-bite and other serums, known as the Instituto Butantan. This fine and modern plant is doing wonderful work in the investigation and treatment of snake-bites and tropical diseases. There were a number of long and very satisfactory conferences with Dr. Brazil, who was, for the time being, acting head of the government plant, but who had also established a thoroughly fine institution of his own at Nictheroy, this latter plant known as the Instituto Vital Brazil. One gratifying souvenir of the trip was a generous collection of tubes of a serum for the bites of North American serpents, prepared from venom extracted in our Reptile House and under the latest processes of filtration, producing a highly concentrated fluid, in fact, ten times more efficacious than any similar serum of the past. The culmination of this successful trip was the presentation to the Society by Dr. Brazil of a particularly interesting series of living South American serpents, both venomous and harmless, now on exhibition in the Reptile House. The expenses of the expedition were jointly covered by the Society and the Curator personally.

Interest in results of this South American trip produced correspondence which grew to formidable proportions. The steadily mounting correspondence of this department, however, is now being ably taken in hand by Miss Grace Davall, who has also entered upon the important task of revising the record cards relating to acquisition and observations, accumulating through a period of twenty-six years, and covering the departments of mammals and reptiles.

The following is a census of the reptile collections at the close of the year:

	<i>Species</i>	<i>Specimens</i>
Turtles and Tortoises (Chelonia).....	19	113
Serpents (Ophidia)	52	161
Lizards (Lacertilia)	11	31
Crocodilians (Crocodilia)	2	38
Amphibians	8	52
Total.....	92	395

REPORT OF THE VETERINARIAN

W. REID BLAIR, D. V. S.

Of the 163 deaths occurring among the mammals during the past year, the only noteworthy losses were the old male Grevy zebra which had been in the Park for seventeen years; the male elk "Stanley II," born in the Park about twenty years ago, and the male Nilgai, on exhibition for eight years. All of the animals were suffering from infirmities associated with advanced age, and after they could no longer be made comfortable or a credit to the collections, they were destroyed.

As in recent years, the great majority of deaths occurred among the more common species of small mammals, which fortunately are readily replaced, and are therefore practically never absent from the collections.

The percentage of deaths from any one disease, as compared with the total number of deaths, has not changed materially during the past few years.

In the Primate collection the losses have been confined to the less important species, such as marmosets, sapajous and common macaque monkeys. The only noteworthy deaths here were the two immature Siamang gibbons, which were in poor condition when received.

The members of our remarkable group of anthropoid apes have continued to remain in good health.

There were no deaths among the animals in the Lion House. The American bison, mountain sheep and musk-ox herds have never been in better health than at present.

There have been fewer cases of illness than in former years, while diseases such as a gastro-intestinal disorder among the hoofed animals, tuberculosis among the primates, and distemper and intestinal parasites among the carnivores have been less troublesome than in past years.

We have fortunately escaped the visitation of any serious contagious or infectious disease during recent years, and by constant vigilance we hope to continue to protect the health of our animals against harmful intrusions.

We are fortunate that in our present knowledge of many of the infectious diseases in wild animals we are in a position to combat these infections by directing our efforts towards their prevention rather than toward their treatment, which latter, in many instances, is a hopeless

or risky task. In order to successfully eradicate some of the infectious or contagious diseases among our animals, it is often necessary to resort to heroic measures; in other cases this may be accomplished by other means.

DEPARTMENT OF ADMINISTRATION

H. R. MITCHELL, Chief Clerk and Manager of Privileges;

WILLIAM MITCHELL, Cashier

As outlined in our last year's report, it was found to be out of the question to maintain the Park during 1925 for the sum that had been sufficient during the previous year. The Society was asked to approve a maintenance budget of \$285,514.49, calling for a contribution of \$21,000 from its own funds, in addition to the sum granted by the City of \$264,514.49, which was the same as allowed for the previous year.

Owing to advanced prices for coal, due to the strike, and increases in the cost of consumption in other items, it was found impossible to get through on the above figures, and the Society's contribution to the maintenance for 1925 had to be increased to \$30,000. Nearly all of this sum was expended for supplies. It was considered unwise to close the year with a depleted coal supply, owing to the difficulty of making any very definite estimate of what the situation might be at that time, therefore advance purchases were made sufficient to permit the carrying of several hundred tons of coal into 1926 as a safety measure. It was not possible to secure hard coal of the required sizes, and substitutes such as could be obtained had to be stocked without much regard to economy of labor in firing.

A long anticipated Bond Issue of \$30,000 for general repairs was granted by the Board of Estimate on July 31. The appropriation carried a labor schedule of \$13,549.70, and the balance of \$16,450.30 was available for materials to be supplied through the Bureau of Purchase on our requisitions. One provision of the Resolution was the use of the entire sum prior to the close of the year. As several weeks elapsed after the adoption of the Resolution before the money became available, it was almost the 1st of September before work could begin. It was soon realized that the great variety of work provided for under the schedule could not be completed to the best advantage within the year. Application was therefore made for a six months' extension in the time for completion, which was granted. Requisitions were made for all

materials, orders issued, and the greater part of deliveries completed before the year closed.

The *Arcturus* Exploration Account, opened late last year under the Scientific and Research Fund for the handling of the receipts and expenditures of the *Arcturus* Oceanographic Expedition, was active throughout the year 1925 and could not be closed with the year, as some items were still open. No other new funds or accounts were opened during the year. The regular quarterly audits were made and the general annual audit will be completed immediately after the closing of the year. A certificate of audit will appear in the Annual Report immediately following the Treasurer's Report.

Just before the close of the year action was taken by the Executive Committee for the establishment of automobile parking facilities in the space just east of the Bronx River and fronting on Pelham Parkway. While this location is some distance from an entrance it will give much-needed additional parking space, and will certainly be appreciated by the motoring public.

Privileges: The year just closed was not an outstanding one in the matter of profits from the Privileges, due to several circumstances which were remedied before the end of the year, and some unseasonable weather at periods when it was most effective in reducing profits. It is worthy of note, however, as marking the completion of one first-class improvement of a permanent nature in the form of the Riding Animal Station.

Rocking Stone Restaurant: The improvement noted last season in business at the Rocking Stone Restaurant has not been continued during 1925. In an effort to make it more attractive, the dining room was re-decorated for the first time in many years, the work being done by Privilege labor. Late in the year the Maintenance Department carried on much-needed similar repairs in other portions of the building. Repairs to the roof of this building, recommended in our report last year, have not been made. However, just before the close of the year, provisions were made for the purchase of slate for the renewal of this roof from the City's 1925 Bond Issue Repair Fund, so that if the required labor will now be provided for in the 1926 Improvement and Repair Schedule, a very much-needed repair, that will stop further deterioration, can be carried to a conclusion.

Boating: The gross business in this branch of the Privileges was somewhat in excess of the previous year, and while we had some unusually heavy expenses for repair work, we were able to show an improvement in the net results. The work of general repairs and painting of equipment is going on during the winter, and it is hoped to have the Boating equipment in excellent shape by the opening of the next season. The launch *Osprey* required extensive repairs to the hull, which could not be undertaken by our force, and it has been necessary to engage an experienced man for this work. At the close of the year this work was nearing completion.

Boat House Restaurant: The restaurant portion of this Privilege has always been a difficult problem, and the year just closing has been no exception. We were able, however, to close the year with a considerably better showing than has been possible for several years.

Soda Water: While the results measured in profits in this branch of the Privileges were not quite equal to the previous season, a careful analysis of the details shows where the chief difficulties were, and steps have already been taken that should show results both in business and service during the coming year. It is not possible to handle satisfactorily the great bulk of the business that we are called on to do on crowded days at our permanent stands. In order to relieve this situation several temporary stands were provided some years ago. These temporary stands had become shabby from hard service, and at the beginning of this season two attractive booths were constructed to replace the old ones. They are low, light and inconspicuous, and are mounted on wheels so that they can be readily removed and stored when not in use. These stands provided some improvements in service and equipment that have been decidedly helpful.

Gate Receipts: The receipts at the Gates for admission during the past year reached a total of \$19,974.05, as against receipts of \$17,780.20 in 1924, an increase of \$2,193.85. The total receipts for the year were remitted monthly to the credit of the Improvement and Repair Account which, added to the balance in the fund on December 31, last, of \$1,342.26, made a total of \$21,316.31 available for expenditure during the year, of which \$19,715.80 was disbursed for materials and labor in general repairs, the balance of \$1,600.51 remaining on hand at the close of the year.

During the past eleven years, gate receipts to the amount of

\$153,934.38 have been credited to the Improvement and Repair Account, and expended for general repairs and improvement, instead of being remitted as previous to that time, to the Animal Fund for the purchase of animals.

For a number of years the turnstiles originally installed before the opening of the Park, twenty-six years ago, have been very badly in need of repairs. Late in 1924 authority was obtained for the purchase of twenty new turnstiles, ten for delivery in 1924 and ten in 1925. All are now on hand, and one-half of them have been awaiting installation for more than a year. To date only two of them have been put into use. Installation of this new equipment, and some light and simple remodelling of ticket offices at entrances to afford proper handling of gate receipts, should be done without further delay by Maintenance labor, from funds provided for the purpose in the 1926 Improvement and Repair program.

Guide Books: The nineteenth edition of this publication, of which 23,000 were printed, was received before mid-season and immediately placed on sale. The same style binding was used as on the last issue, which was quite satisfactory, and made a more attractive appearing book. Sales were excellent, reaching higher figures than in 1924.

Miscellaneous Publications: The second edition of our publication, "Wild Animal Stamp Primer," was exhausted late in the year. A third edition from original plates was decided upon, to be issued under the new title, "A Child's Book of Wild Animals." Upwards of 11,000 copies were printed and put on sale about the close of the year.

Receipts from the sale of Postal Cards were not quite equal to last year, although the edition received in 1924 was greatly reduced.

There was some reduction in the sale of Miscellaneous Publications, due to the closing of the Bureau of Information in the Lion House early in the season. Mrs. Baxter, who was in charge of the Bureau last year and until about the 1st of March, accepted a place in Mr. Sanborn's office. As the Alcove in the Lion House used for the Bureau was in bad condition, due to a leaky roof, it was decided to close the Bureau and not reopen it until some improvements had been made.

Riding Animals: The unfinished portion of the construction work on the new Riding Animal Station at the beginning of the year was not completed owing to an unavoidable delay in the receipt of certain spe-

cial materials for the building, and construction of tracks and paving of plaza, in time to make the station available for the full season.

Business at the new location commenced about the 1st of June. There was an immediate and considerable increase in the number of children to be handled, and on a number of different days during the remainder of the season, the capacity of the new building, grounds and tracks was considerably taxed.

On account of some delay in the receipt, training and equipping of the riding camels, this feature was not put into full operation this year. It was carried on, however, in an experimental way during the latter part of the year. We expect to have three riding camels in full service early in the spring. Such use as was made of the camels this year fully demonstrated their popularity with the children, and showed the probable extent of this service during the next season.

Just prior to the opening of the new Riding Animal Station, a change was made in the management of this Privilege. Mr. Frank A. MacDonald, who has had considerable experience with horses, and came to us with excellent recommendations, was put in charge.

Now that the new building, tracks and grounds are available for riding animals, two riding elephants should be provided without delay. There is, so far as we know, no substitute for an elephant ride to the average child.

Motor Chairs and Baby Carriages: Some improvements can be reported in this service, which is regarded more in the nature of an accommodation than otherwise. While no addition was made in equipment, we were able to supply baby carriages to more than 8,000 mothers, many of whom, it is safe to say, without this service, would have been denied the pleasure of a visit to the Park.

DEPARTMENT OF CONSTRUCTION AND FORESTRY

CHARLES J. RENNER, Chief Constructor and Engineer; E. H. COSTAIN, Assistant Forester; FRED. W. MINGST, Assistant Constructor;
MICHAEL E. O'KEEFE, Head Gardener.

The following report is submitted concerning the work and activities of the Construction and Forestry Department.

Because of the excellent organization left by Mr. Merkel, who went to join the Westchester County Park Commission, the general

routine work of the department proceeded as usual. This work included the maintenance of the Park and buildings, the cage repairs, the upkeep and care of the lawns, gardens and trees, the heating arrangements, the policing, and other necessary functions.

Besides the routine work there were certain special expenses incurred and improvements made in accordance with instructions given at the beginning of the year, which were paid for by appropriations from the Society Improvement and Repair Account. These amounted to about \$17,800 and included the following items, all of which were completed:

Painting	New Llama House Roof
Cage Repairs	New Boilers and Repairs
Walk Repairs	New Baytree House Elevator
Park Cleaning	New Buffalo Shed Wall
New Fences	New Mammal House Cages, Gutters and Leaders.

All these activities were imperatively demanded, especially when it is considered that the Park must be kept up to its characteristic high standard of excellence. It is hoped that the City of New York will in the future increase the budget enough to assume the above charges altogether, or at least those of painting, boiler repairs, watchmen, and special Park cleaning. During recent years these obligations have grown to large proportions, on account of the natural deterioration of structures and walks that have been twenty-five years or more in useful service, and the enormous increase in the annual attendance of visitors.

Some of the principal works which were accomplished during the year were the overhauling and renovating of the Fordham and Crotona Entrances, the Primate House, the Aquatic Bird House, the Tea House, new cages for the Mammal House, several thousand feet of new fences, and the installation of new water piping in both the Elephant and Lion Houses. New boilers were installed in the Large Bird House, the Elephant House and the Service Building. There were also many walks patched and resurfaced, pony tracks constructed for the Privilege Department, and a special steel cage-work ceiling made for the large elephant's stall, to protect the ceiling from destruction by a powerful elephant, now grown to a shoulder height of 10 feet 3 inches.

The Riverside Division, or eastern area of the Park, was much

used, and is always gaining in the number of persons enjoying it for recreation purposes. This is quite in order, for there is no finer site anywhere nearby that offers better facilities for picnics, boating, skating and coasting. Last year about 10,000 persons from schools, churches and lodges availed themselves of the special picnic outing privilege, and during the summer months about 30,000 persons were in attendance there every clear Sunday. The watchmen and policemen were kept very busy, and did well in maintaining the Park in a clean and orderly condition.

In the Italian Garden the gardeners this year first displayed yellow pansies of a special blending, propagated in our greenhouses at the Nursery, and later replaced them with begonias from the same source. On the Concourse Circle the pansies were superseded by deep-red cannas which were set off by ageratum borders. During the summer, numerous tropical conservatory plants were transferred temporarily into the open, as is our usual custom. Last spring the Park sent several samples of its bay trees to the International Flower Show, and there they were awarded a special prize consisting of a silver cup and tray.

The City of New York, after much delay, finally voted an issue of bonds amounting to \$30,000 for labor and material to be used for repairs and replacements of permanent improvements. With this appropriation the department is to repair or replace, among other things, approximately, the following:

5,000 feet of water pipe.

840 feet of copper gutters and leaders.

5 roofs (Genasco Shingle).

6,600 feet of resurfaced Tarvia walks, and 600 feet of sidewalk.

4,000 feet of railing fence and 18,000 feet of guard wire.

1 Blacksmith Shop.

2,100 feet of woven wire boundary fence, and rebuilding six brick gables.

This program is now more than half completed, and barring unforeseen delays will be completed during the coming year. When the above appropriation of \$30,000 was made, there were also granted at the same time \$22,000 of bonds, issued to renovate the Elephant House and to build a new copper-ribbed roof upon the same. This work is being handled by contract under the supervision of the Department of Parks and the Society's Engineer, Mr. H. DeB. Parsons.

The Bronx River Parkway Commission kindly undertook the very extensive dredging operations that were necessary to remove the great accumulation of mud in order to restore Lake Agassiz to its original condition. The steam dredge and steam shovel of the Commission, with their own crews, began work about August 15, and continued diligently throughout the year. The many thousands of yards of dredged-out material were disposed of partly on the banks, and partly by the hauling operations of the Zoological Society. When completed this material will form a place that can be used for the parking of automobiles that are unable to find room within the Concourse Entrance.

DEPARTMENT OF PHOTOGRAPHY AND PUBLICATION

ELWIN R. SANBORN, Editor and Photographer; ANNIE R. NEWMAN, Assistant;
EDNA E. BAXTER, Clerk.

Photography: Josh Billings immortalized our postage stamp when he said of it, "Its sole mission is to stick to a thing until it gets there," coining an epigram which can become a motto of concrete value to any man.

The multitudinous array of publications issued during the past year required the closest attention to keep them moving, prevent errors among such a mass of ultra-scientific papers, and meet the demands of very particular scientific workers.

To care for this material, together with the many devious details of other publications so that they progressed all the time was a problem that proved a great task, and was solved by bearing in mind the fact that only one thing could be done at one time, and that, "by sticking to it until it was finished."

To become absorbed with the details of a publication, such as editing the copy, turning it into type, preparing the cuts, converting type and cuts into pages and keeping pace with the printer was to exclude all else; and to set this aside with the thought that the job must run itself, and take up another burden was a change almost from Jekyll to Hyde.

All matter is perishable, especially living forms taken from the highways and byways of the earth, carried for thousands of miles and settled in a habitat entirely the opposite of that defined by nature.

The reptiles, more particularly the serpents, may be embraced among the more delicate of our exhibits—living but emotionless—

dainty in their food, intolerant of handling and strangely susceptible to any change, and in captivity their longevity is brief.

During the summer we received an unusual shipment of venomous snakes and as they were new to the collections, the necessity of making permanent records demanded an observance of taking up the task and "sticking to it," while the varied forms were active and natural.

A miniature stage—a sand box four by five feet, raised two feet from the ground—was constructed in the winter shelter for tortoises. A flat composition board five by six feet was erected at the back upon which were hung two spring-roller shades for two tones of monochrome grey. A sanded composition board was placed flat on the surface of the box to prevent the subjects from sinking into the sand—and a space left at the back to place potted plants.

Although making pictures of deadly reptiles is continuously attended with risks, the risks are minimized by the fact that these types of serpents invariably play a waiting game—coil in picturesque and startling postures, usually remain quiescent, and invariably communicate to the person the moment of a strike.

The so-called strike, however, is a somewhat elastic term, as sometimes a particularly ugly reptile will become so enraged that with proper bracing he will literally hurl himself, and on several occasions we were compelled to climb out in a hurry and seize our subject from under the camera before resuming operations.

A huge Florida diamondback, whose head we were trying to photograph to show the pit for Prof. W. M. Smallwood, of Syracuse University, braced himself against the background, and although we used a screen between the camera and the subject, the snake was so determined that even the nervy keeper, John Toomey, gave up the case as a risk greater than the reward.

We afterwards successfully accomplished the task by selecting a less pugnacious specimen. It was rather a trying operation since to get a large-sized image it was necessary to bring the lens within eighteen inches of the head.

By changing the plants we were able to make an extensive series with each subject in different surroundings, in each case showing the snake in natural conditions, also against a screen of neutral tint, and details of head and pattern.

The cobras were flashlighted behind the glass of their cages, but all others were handled in the open, and the work was carried on with the same system, care and watchfulness as though we were handling nitroglycerine.

Mr. Ditmars returned from the jungles of Brazil in September, after a visit to Sao Paulo, with another collection of the rare and startling venomous reptiles of that region, and by working steadily day by day we progressed through the entire series, making unusual records of each species.

The pictures of these two series are without question the most complete in the world.

Altogether, eighteen species of venomous reptiles, representing types from three continents, were successfully recorded, as well as three species of lizards and three tortoises.

Represented among these species were yellow, black and Egyptian cobras; Texas, Florida and Mexican diamond rattlesnakes; Texas copperhead (2 color phases); African puff-adder (2 color phases); jararaca; jararacacu; fer-de-lance, *Lanceolatus pictus*; fer-de-lance, *Bothrops lanceolatus*; Urutu, *Bothrops alternatus*; lancehead, *Lachesis* sp.; banana viper; Cobra-de-Brazil, *Xenodon merremii*, and ball python.

Among the miscellaneous subjects were Somali ass; Burchell zebra and colt; Prjevalsky horse and colt; Indian rhinoceros; hyena; musk-ox and young animal born in the Park; albatross; frigate bird; brown, blue-faced, blue-footed and Brewster boobies; saddle-bill stork; pictures for campaign in rubbish war; Delancy's pine; refuse box; Bronxdale meadows and lecture tent.

Following is a detailed list of photographic work:

New Negatives, Park and Aquarium.....	400
Prints for Publication.....	605
Prints for Miscellaneous Purposes.....	1,242
Prints for Index Albums	400
Enlargements	3
Positives	53
Total.....	2,703

Park Department: We have maintained a working cooperation with officials of the Park Department of the Borough of the Bronx, and during the past year it has been our privilege to render photographic aid in many of the Park development problems.

Several series of photographs were made under existing conditions of localities acquired by the Department for recreation centers and upon completion of landscape work, a number of other views were made.

These pleasant relations have been a matter of great satisfaction to the Society, since this service, which has been freely given throughout the existence of the Zoological Park, can be rendered without confusion of the duties of our Department.

Bulletin: It has been the objective of this Department to advance the sphere of usefulness of this publication and to increase the artistry of its appearance to the highest possible standard, and the issues covering the past year represent an important contribution to zoology as well as a concrete proof of progression in the direction of great improvement.

We have increased the number of pages over 1924 by forty, and the illustrative material compares favorably with leading periodicals of this character and greatly excels any other issues of the Bulletin.

Mr. Ditmars' paper on the venomous reptiles furnished a background for a display of pictures of widely varied forms of deadly snakes of the world, and during the present year we will set forth the value of anti-venomous serums and their preparation at the Institute of Serum-Therapy, Sao Paulo, Brazil, to be illustrated by a far more interesting series of pictures of the reptiles of that region than has ever been published.

Although the material for the July number—commemorative of the voyage of the *Arcturus*—was of necessity arranged from material previously published, added features made this number an important record.

The September number was devoted more particularly to setting forth the generous gift of Mr. Harrison Williams, which enabled the Society to carry on the deep-sea explorations of Mr. Beebe, and to bring to the attention of the members of the Society, as well, some of the color-drawing records made on the voyage.

Several important shipments of tropical fishes, and newly constructed rockwork in the enlarged exhibition tanks by Mr. Mowbray

and his staff furnished the means for a sixteen-page supplement in the November Bulletin. This was the most ambitious contribution to the Bulletin and evidently made an impression in Europe, for immediately upon receipt of a copy, the *London Illustrated News* cabled for permission to use the pictures.

We have made a painstaking study of the photographic lighting of the Aquarium tanks for many years, and step by step have progressed to a point of systematic accuracy—the results justifying the belief that the Society's collections of under-water pictures cannot be duplicated anywhere else in the world today.

This method of decorative illustration which we attempted in the Aquarium number of the Bulletin solely as an experiment, was received so cordially and created such a favorable impression, that this plan will be carried out as a definite future policy in this publication.

There is no doubt that the development of an idea in pictorial form is much more forceful and convincing when presented as a group supplement. No matter how simple the idea, its character of presentation is the vital factor; when properly set forth the simple idea then commands attention.

Annual Report: The Report for 1924 was printed in the form of the previous year. The Report is a heavy volume as issued and the mailing costs have increased with the newly arranged postal rates. It is now possible to mail the Report to California at about three times the cost of postal carriage to England or China, which is eleven cents. That is one of the wonders of the system.

Zoologica: Two contributions were made to Vol. IV; No. 3, The Galapagos Tortoises, by Charles Haskins Townsend, 80 pages, 11 figures, 1 chart, 1 map. No. 4, Notes on Fishes from Three Panama Localities, by Charles M. Breder, Jr., 20 pages, 5 figures, 1 map. Vol. V, No. 21, Hemiptera-Heteroptera, by H. G. Barber, 16 pages, 4 figures, 1 map. Vol. VI, No. 1, Studies of a Tropical Jungle, by William Beebe, 193 pages, 17 figures, 2 maps. No. 3, The Membracidae of Kartabo, by Maud Haviland, 62 pages, 7 figures, 2 maps. No. 4, The Termites of Kartabo, by Alfred E. Emerson, 169 pages, 71 figures, 2 maps. No. 5, The Isopods of Kartabo, by Willard G. Van Name, 43 pages, 20 figures, 2 maps. A total of 619 pages for this publication in 1924.

Zoologica Index: Index and title for Vol. III, 26 pages, was completed and mailed. An index for Vol. V, and also for Vol. VI, will be completed this year.

Mailing: The work of the mailing section of this department is as nearly systematically perfect as reliable apparatus and human intelligence can attain.

Recording new addresses and making over old ones is almost a continuous daily labor, which means hundreds of changes throughout the year, requiring the closest and most painstaking attention. Mrs. Baxter has operated both of the mailing machines with great skill, and with an exceedingly low average of errors.

The number of pieces sent out from the Park during 1925 was 50,099, a gain of 4,007 over 1924.

Membership: Miss Newman, who has devoted time and thought to the arrangement of the card index files of membership of the Society, has developed its manipulation to the highest point of efficiency.

There are two files, one divided into sections to correspond with the Report and the other for general use, in alphabetical sequence. This method has proved of great value as it enables us to note variations in the standing of the various classes with absolute accuracy.

Reserve Publications: A stock room has been set aside in the basement of the Administration Building, and all the reserve publications of the Society, cuts, and electrotypes have been filed there.

The order of these publications has not been worked out to the stage that has been planned, but as much of this material had been stored for many years in odd places it had to be gathered and deposited for better sorting. Many of these periodicals had been issued in the early days of the Society and for that reason the selection of the proper place to begin the arrangement has been retarded.

Index Work and Filing: The various systems of classifying cuts, albums and card files have been thoroughly brought up to date, and the methods originally devised have proved simple and accurate.

For many years it has been the custom to file all half-tones, electrotypes and engravings in standard electrotype cabinets; a very satisfactory method until the increasing costs of labor and materials entering into their construction forced the prices of these cases to a prohibitory point. Lack of these cabinets for a time brought such confusion, that we

cast about for a suitable substitute which was at length found in specially made cardboard cases. These cases are shipped cut, formed and partially glued, and in a few moments can be converted into a stout case about twelve inches square which will hold one publication and sometimes two. About two dozen of the boxes will contain the contents of a cabinet at a cost of \$3.50, as compared with \$100, the price of one wood case.

All of this material, which has been most carefully guarded, will be available some time for a series of wonderful volumes on Zoology, and at the present costs of engraving plates will represent an important saving.

Publicity: We have maintained a steady intercourse with newspaper correspondents both at home and abroad and throughout the year have supplied illustrative material as well as valuable information for stories of Park life and affairs in general.

There is an almost daily demand for pictures to illustrate scientific papers, books of wild life stories, advertising displays and labels; many of these sources returning yearly for added material and information.

It is most pleasing to know that we not only illustrate our own work, but that we can be called upon successfully to supply not only authors but publishers as well, engaged in the same objects as ourselves.

The pictures of the Society and the interesting information that we have gathered in the past years have pretty generally gone around the world.

CONCLUSION

Throughout the civilized world, the movements for more and better zoological parks and gardens may well be described as a "wave." Nowhere is it stronger than in the United States. After years of exasperating hindrances the Detroit Zoological Park is at last in full swing of development. In a city still nearer to New York a very important foundation is fairly certain to take on form and function during the year 1926.

A new zoological park is being considered for Paris. More medium-sized developments are being incubated than there is time to name. The annual consumption of reports, plans and photographs of the New York Zoological Park is at its peak, and the wild animal

market is very active. We are willing to tell the citizenry how to build and maintain zoological parks, but we continue to refuse to waste time in convincing densely ignorant people that zoological parks are good things to have. The only evidence on the latter point that we ever furnish anxious inquirers is an exhibit of our annual attendance figures for the last five years.

DISTRIBUTION OF SPECIMENS FROM THE ZOOLOGICAL PARK
REPORT OF
THE DEPARTMENT OF COMPARATIVE ANATOMY
AMERICAN MUSEUM NATURAL HISTORY

January 13th, 1926.

Mr. Madison Grant, President,
New York Zoological Society, New York.

Dear Mr. Grant:

I have the honor to submit my report of specimens received from the New York Zoological Park in 1925.

The original agreement between the New York Zoological Society and the American Museum of Natural History has continued during the past year, whereby specimens coming from Bronx Park are delivered by the Museum to the various departments interested, including the anatomical laboratory of the College of Physicians and Surgeons. Owing to the absence of Dr. Huntington and the necessity for arranging the mass of material already in his collections, practically no material has been taken by the College for more than a year.

For the coming year an arrangement has been made by which Dr. Riley is to receive the brains of specimens for his series, and we are also cooperating with Mr. Peterson, Professor Huntington's representative at the College of Physicians and Surgeons.

Respectfully yours,

WILLIAM K. GREGORY.
Curator

NEW YORK ZOOLOGICAL SOCIETY, 1925

	<i>Specimens</i>		<i>Specimens</i>
January	24	July	35
February	26	August	34
March	8	September	16
April	19	October	27
May	29	November	22
June	22	December	29
		<hr style="width: 10%; margin-left: auto; margin-right: 0;"/>	
Total.....			291

Two hundred and ninety-one specimens were received during the

year 1925, of which fifteen were presented by Mr. Ellis S. Joseph of Australia. These specimens were distributed as follows:

Department of Mammalogy	83
Department of Herpetology	111
Department of Ornithology	43
Department of Comparative Anatomy	46
College of Physicians and Surgeons.....	2
Department of Preparation (Museum).....	1
Columbia University (Dr. McGregor).....	5

REPORT OF THE PENSION BOARD

TO THE BOARD OF MANAGERS

THE Pension Board, under the Chairmanship of Dr. Lewis Rutherford Morris, held all its regular meetings during the year at the office of the Treasurer, Mr. Cornelius R. Agnew, 16 William Street.

Mr. Lee S. Crandall was appointed to the Board to fill the vacancy caused by the resignation of Mr. Hermann W. Merkel, who had served as Secretary of the Board since its organization. Aside from this change the personnel of the Board remains as in former years, as follows: Dr. Lewis Rutherford Morris, Chairman; Mr. Cornelius R. Agnew, Treasurer; Mr. H. R. Mitchell, Assistant Treasurer; Dr. George Bird Grinnell, Dr. Charles H. Townsend, Mr. W. Redmond Cross, Mr. W. B. Osgood Field, Mr. Lee S. Crandall, and Dr. W. Reid Blair, Secretary.

During the year three members of the Pension Fund have died, and there were two resignations, while four new members were added.

Two new pensions were granted during the year, one to Mrs. Jennie K. Barlach, the other to Mrs. Annie D. Russell, both being widows of former employees of the Zoological Park.

During the year the fund was relieved of a total of 37 years, 6 months of accumulated service, as a result of the deaths and resignations.

The pension roll remained the same at the close of the year as at the beginning, a total of twelve pensioners, with an average pension of \$28.42 per month.

While the Board fully realizes that such small pensions are wholly inadequate to meet the demands of the constantly increasing cost of living, still it feels that until the Fund has received substantial additions to its principal it would not be wise to recommend an increase in the amount of the pensions granted.

As indicated in the report of the Treasurer herewith attached, it

will be noted that the total accumulated funds at the close of the year amounted to \$124,344.85, of which \$1,639.85 is represented by cash in banks, and the balance, \$122,705.00, is in bond investments, yielding an interest return of 4-9/10 per cent.

Respectfully submitted,

LEWIS R. MORRIS,
Chairman.

W. REID BLAIR,
Secretary.

REPORT OF THE DIRECTOR OF THE AQUARIUM

By CHARLES H. TOWNSEND

THE close of the twenty-ninth year in the history of the Aquarium finds the oft-discontinued work of improving that dilapidated building resumed and making the usual slow progress. A part of the third story, the erection of which began two years ago, may be ready for occupancy some time in February.

Work on the unfinished interior of the second story is at a standstill for lack of funds, while the exterior walls must await the mild weather of springtime to receive the proposed rusticated finish.

Following these belated improvements will be the creation of long-needed additional space for exhibits. During the period which has elapsed since the administrative section of the building was unroofed and dismantled, much of the customary work of the Aquarium office force was necessarily abandoned for lack of facilities. Such work as is possible under these circumstances is being continued in a small basement office on Pearl Street, which has been occupied for two years at the expense of the Zoological Society.

With all these drawbacks, the living exhibits of the Aquarium have been maintained in nearly the customary numbers and variety. The building contains all the forms of aquatic life that it is equipped to carry and visitors continue to throng it in almost the accustomed large numbers.

Few institutions of the public museum character could have survived such vicissitudes as have befallen the Aquarium and yet maintained practically undiminished their exhibits and the numbers of their visitors.

An attendance of more than fifty-six millions of persons in twenty-nine years, or nearly two millions a year, is an interesting fact for the consideration of the authorities who annually appropriate for the maintenance of each of the other city museums, from four to six times as

much as that provided for the Aquarium, which has led them all in interest for the public.

The long-continued public interest in the Aquarium is due chiefly to its well-maintained living exhibits. There have been no "drives" to secure funds, no lectures, concerts or other special efforts on the part of its management to attract visitors or magnify its functions. The service demanded of it as a public museum has increased from year to year if we may consider its burdensome correspondence, its service to school teachers and biologists in live material collected and freely distributed for educational purposes and the demand for its publications on aquatic life. Increasing public interest in home aquaria and the radio have almost doubled its correspondence.

Information circulars bearing on numerous subjects have been prepared from time to time. These are being sent out continually in response to letters requesting information and help materially to reduce the labor of correspondence. The inquiries relate chiefly to the care of small aquaria and the natural history of many kinds of aquatic animals.

Collections: The collections of the Aquarium at present number as follows:

	<i>Species</i>	<i>Specimens</i>
Mammals	1	1
Birds	3	5
Reptiles	18	71
Amphibians	6	68
Fishes	133	2,314
Invertebrates	14	664
<hr/>		
Total.....	175	3,123

This enumeration of the collections does not include the young fishes in the fish hatchery, the thousands of small fishes and invertebrates used as live food or the exhibits in small table aquaria recently sent elsewhere until suitable space can be provided for their exhibition. The total of specimens is now below the average as a result of long-continued alterations of the Aquarium building.

Work of the Collecting Boat: The well-boat *Seahorse* made seventeen trips of from one to three days' duration. Fifteen were to

Sandy Hook Bay and two to Jamaica Bay. 2,561 specimens were collected, representing sixty-six species of fishes. 796 specimens representing thirteen species of invertebrates and ten specimens representing two species of sea turtles, as well as quantities of various kinds of food for the Aquarium inmates. The cost of operating the *Seahorse*, including that of live fishes purchased from pound-net fishermen in Sandy Hook Bay, was \$1,197.

Among the larger specimens added to the collections during the year were an American crocodile and two alligators from Florida, none of these being apparently less than nine feet in length. Two shipments of tropical fishes were received from Florida and two large exchanges of fishes were made with the Detroit Aquarium. Among the numerous fresh-water fishes from Detroit were specimens of white bass and Mississippi shovel-nosed sturgeon, neither of which has been represented in our exhibits for several years. There are now four species of sturgeon in the Aquarium.

The large alligator gar from Louisiana, presented in 1920 by Mr. Henry D. Whiton, is still living.

An exchange of specimens was made with the Palisades Interstate Park whereby fresh-water fishes were brought to the Aquarium in return for young trout sent to streams in the Park. A collection of fancy goldfishes was presented by Mr. E. K. Bruce of Thornburg, Iowa.

Water Birds: A penguin and a booby brought from the Galapagos Islands by the *Arcturus* Expedition in August were added to the collection and two more brown pelicans from Florida. A third brown pelican received in July, 1924, is still living. Sea birds appear to be as well suited to life in the copious salt water pools of the Aquarium as seals, and efforts will be made to add white pelicans, cormorants and gulls.

Fish Hatchery: A fish-cultural exhibit has been maintained at the Aquarium for the past twenty-three years. During this period many millions of fish eggs have been hatched and the fry placed at the disposal of state fishery officers in New York and New Jersey for the stocking of public waters.

All fish eggs hatched at the Aquarium with the exception of quantities of yellow perch eggs gathered by employes, are supplied by the U. S. Bureau of Fisheries. The species hatched in 1925 were lake

trout, whitefish and chinook salmon. The young fry were all sent to the Palisades Park with the exception of 100,000 whitefish delivered to the New York Conservation Commission.

Gifts to Other Institutions: Specimens of the large horseshoe crab (*Limulus*) were presented to the aquariums of London, Berlin, Hamburg and the Oceanographic Museum at Monaco. Dried specimens of *Limulus* were presented to Dr. Sigmund Frankel of Vienna. Specimens of *Lepisosteus*, *Amia*, *Chilomycterus* and *Echeneis* were presented to the Berlin Aquarium and six of *Amia* to Monaco.

An unusually fine collection of sea horses, occupying two gallery tanks, has been on exhibition for most of the year. The eggs of the horseshoe crab and newly hatched young were an attraction for some time. At one time during the year there were three abnormal lobsters on exhibition: one bright blue in color, one with a double claw, and one curiously mottled with white spots.

Much material for the study of parasites has been given to New York University and other material to the American Museum of Natural History for its study collections.

Various motion picture producers availed themselves of the Aquarium's tanks for educational pictures.

The label holders for both transparencies and cards have long been the cause of much annoyance, for owing to their construction it was impossible to keep water from the paper labels. This made frequent replacements necessary as well as forcing the use of objectionable labels that could not be readily replaced. Alteration of their design with additional safeguards against dampness has been completed. Coupled with the new type of printed labels now in view, the labels in the Aquarium will soon be improved.

Mr. Stephen Haweis presented a mural decoration by himself, showing fishes and marine life—a panel measuring four by eight feet.

Aerated water for trout: The present methods of cooling fresh water for trout during the warm summer months are far from satisfactory. As temperatures rise, losses among these fishes increase. An experiment made in the summer of 1925 to increase the aeration of water in tanks containing trout and other salmonidae having given rather favorable results, it was repeated during the past summer on a larger scale. In the tanks containing such fish long supply pipes per-

forated with numerous small holes were suspended over the water in order to provide greater aeration, the water being allowed to fall two feet or more before striking the surface of the water. As the collections of such fishes have varied so from year to year it is evidently difficult to give an accurate numerical evaluation of the differences in mortality rates but it is clear to those associated with this work that abundant aeration serves as well as, if not better than, refrigeration. In fact, so few fishes died during the past summer that their numbers are practically nil, although the collection was larger than usual. Those lost were clearly infested with parasites on the gills. Incidentally the aerated but somewhat warmer water seemed to have a general discouraging effect on these salmonid parasites. A perfect system for cooling water in tanks containing trout is still a desideratum.

Aid to School Teachers: The Aquarium has long been a storehouse for materials needed by teachers of biology in the public schools of the City. The materials consist chiefly of small forms of marine life such as fishes, mollusks, crustaceans and sea weeds brought in by the Aquarium collecting boat and are given, with supplies of seawater, for the stocking of small school aquaria. A limited amount of fresh-water forms of life is also furnished for similar purposes.

Classes of thirty-eight schools were supplied during the past year with specimens for class use or for marine aquaria.

Many teachers make annual visits to the Aquarium with their classes. The number doing so in 1925 was 347 and the total number of pupils accompanying them was 11,635.

Budget for 1925: The Maintenance Fund of the Aquarium appropriated by the City for the past year was \$58,334. In addition to this, the New York Zoological Society has spent of its own funds \$2,848.73, the deficit incurred by the Aquarium for the year. Specimens were purchased by the Society for the Aquarium in the amount of \$2,082.20.

Publication Emanating from the Aquarium: The Director prepared an eighty-page account of the Galapagos Tortoises in their Relation to the Whaling Industry, which was published in *Zoologica* (Vol. IV, No. 3).

He prepared also a magazine article on the same subject entitled "The Whaler and the Tortoise" for the *Scientific Monthly* (August, 1925).

A new edition of the Guide to the New York Aquarium, by the Director, was placed on sale late in the year. The number of guide books sold during 1925 was 2,722. The price of this book has been reduced to twenty-five cents, which will doubtless serve to increase its popularity with visitors.

A twenty-seven page pamphlet, "The Cultivation of Fishes in Ponds," also by the Director, was reissued as a revised third edition. This document has been republished with permission of the Zoological Society by several outdoor journals and state fishery boards.

The Director's article in *Natural History* on the Elephant Seal was republished in German (*Natur u. Technik*, September, 1925). He also prepared an information circular entitled "Creating a Public Aquarium," to meet the frequent demand for advice on this subject. It may be stated in this connection that the American Museum of Natural History has collected in book form fifteen pamphlets relative to investigations of the U. S. Fisheries Steamer *Albatross* in the Gulf of California, six of which were prepared by the Director of the Aquarium. This work is entitled "The Albatross in Lower Californian Seas." Additional volumes relating chiefly to the mollusca are in preparation.

The Table of Information regarding the Aquariums of the World, compiled by Miss Mellen and published in the Annual Report for 1924, was republished with text and photographs in the July-August number of *Parks and Recreation*, the magazine of the American Institute of Park Executives. It will be republished in French by the Trocadero Aquarium of Paris, according to Mr. Grandjean, Director of that institution.

Miss Mellen published a series of eleven animal stories in the Newark *Evening News*, all founded upon incidents at the Aquarium and covering some years of observation.

The exhibition at the Aquarium of a bottle containing over 3,000 winter hibernating mosquitoes captured in a Brooklyn cellar by Mr. H. B. Maurer, Executive Secretary of the Anti-Mosquito Association of Long Island, aroused great interest and considerable inquiry. Miss Mellen prepared an information circular on mosquitoes to meet the increased demand for facts about this insect pest and also contributed an article on fishes in the December, 1925, number of *Aquatic Life*.

Besides contributions to the Zoological Society BULLETIN the following papers appeared under the signature of C. M. Breder, Jr.:

"The Little Redfish (*Onchorynchus nerka*) at Scranton, Pa." *Copeia* No. 136, Jan. 10, 1925. "Fish Notes for 1924 from Sandy Hook Bay." Ibid No. 138, Jan. 26, 1925. A pamphlet based on the work of the Aquarium collecting boat. "The Life Coloration of *Myoxocephalus mitchilli*." Ibid No. 144, July 24, 1925. "New Loricariate, Characin and Poeciliid Fishes from the Rio Chucunaque, Panama." American Museum *Novitates* No. 180, July 6, 1925. "A New Toadfish from Colon, Panama." Ibid No. 188, Sept. 28, 1925. "In Darien Jungles." *Natural History*, Vol. XXV, No. 4, July-August, 1925. "Notes on Fishes from Three Panama Localities, Gatun Spillway, Rio Tapia and Caledonia Bal." *ZOOLOGICA*, Vol. IV, No. 4. "On the Feeding Behavior of Fishes with Terminal Mouths." *Copeia* No. 149, Dec. 22, 1925.

The Morrison prize, awarded each year by the New York Academy of Sciences, was given for 1925 to Mr. Breder for his studies embodied in the manuscript, "The Locomotion of Fishes," which is to be published shortly in *ZOOLOGICA*.

Mr. L. L. Mowbray published in *Copeia*, 1925, an account of a new species of razor fish (*Xyrichthys binghami*). Mr. Mowbray accompanied Mr. H. P. Bingham in the yacht *Pawnee* on a cruise in the Caribbean Sea from February 14 to May 1 for the purpose of making collections for the Aquarium.

Broadcasting: Miss Mellen broadcast a series of talks from Station WEAf on alternate Fridays, beginning June 5, 1925, and continuing into 1926. The first was on the "Aquarium and Its Denizens," a dozen talks on fishes followed, and in December a talk on "Whales and Porpoises," which had been scheduled for the last. They were all well received and Station WEAf has requested additional talks on "Sea Birds," "Seals and Sea Lions." In compliance with requests for a repetition of the series, it will be given again with some variations, under the New York Zoological Society Series, Station WJZ, on occasional Wednesday evenings during 1926, beginning with two talks in February.

Mr. Breder gave the following radio talks at the WJZ station: "How Fishes Change Their Colors," "The Vision of Fishes," "The Voices and Hearing of Fishes," and "About the Swimming of Fishes."

Mr. Thomas Howley, Fish Culturist at the Aquarium, accepted an invitation from WEAf to talk on "The Hatching of Fishes at the New York Aquarium" and the "Conservation of Fishes by the Government."

ATTENDANCE AT THE NEW YORK AQUARIUM BY MONTHS, 1925.

January	Visitors.....	58,131	Daily average.....	1,872
February	"	88,025	" "	3,144
March	"	117,819	" "	3,800
April	"	160,414	" "	5,347
May	"	170,564	" "	5,502
June	"	176,080	" "	5,870
July	"	234,016	" "	7,549
August	"	243,683	" "	7,861
September	"	178,194	" "	5,940
October	"	103,068	" "	3,325
November	"	100,984	" "	3,366
December	"	72,215	" "	2,330
		<hr/>		
Total	"	1,703,193	" "	4,667

The Aquarium has had more than fifty-six millions of visitors during the twenty-nine years ending in December.

Record of monthly mean temperatures and specific gravities of the water of New York Harbor at the Battery in 1925:*

<i>Month</i>	<i>Temperature</i>	<i>Specific Gravity</i>
January	39	1.015
February	39	1.015
March	41	1.013
April	48	1.012
May	54	1.011
June	61	1.013
July	67	1.011
August	68	1.012
September	70	1.012
October	64	1.012
November	59	1.011
December	51	1.011

* From daily observations made at the New York Aquarium by Mr. M. Cochran. Specific gravity observations made with samples of water brought to 60° Fahr.

REPORT OF THE DIRECTOR
DEPARTMENT OF TROPICAL RESEARCH

By WILLIAM BEEBE, *Director*

Staff: W. K. GREGORY, Associate in Vertebrates; L. SEGAL, Associate in Special Problems; C. J. FISH, Associate in Diatoms and Crustacea; JOHN TEE-VAN, General Assistant; E. B. SCHOEDSACK, Assistant in Cinematography; WILLIAM H. MERRIAM, Assistant in Field Work; ISABEL COOPER, Scientific Artist; RUTH ROSE, Historian and Technician; ELIZABETH TROTTER, Assistant in Ichthyology; M. D. FISH, Assistant in Larval Fish Distribution; HELEN TEE-VAN, Assistant Artist; DWIGHT FRANKLIN, Assistant in Fish Preparation; JAY F. W. PEARSON, Assistant in Macroplankton; SERGE CHETYRKIN, Preparator; D. W. CADY, Surgeon.

THE ninth year of existence, 1925, of this Department, has been far and away the most successful and important. For the sake of clarity of treatment I shall consider the work of these twelve months under three headings: (I) The Arcturus Oceanographic Expedition, (II) Kartabo Zoological Work by the Society, and (III) Kartabo Zoological Work by the University of Pittsburgh.

I—THE ARCTURUS OCEANOGRAPHIC EXPEDITION

On February 10, after months of careful preparation, I left New York in the steam yacht *Arcturus* with a staff of fourteen. We carried on work in the Sargasso Sea and in the Pacific about Cocos Island and the Galapagos, confining our activities almost wholly to the fauna of the deep-sea and of shallow water. The general subjects to which special attention was paid were observation of the habits of fish from a diving helmet, the methods of locomotion, luminescence, distribution and the study of larval fish. Extensive collections were made, including many thousands of fish, quarts of plankton, seven hundred photographic negatives, eleven thousand successful feet of motion picture film, and upwards of four hundred colored plates of living oceanic organisms. We discovered a wholly new outbreak of volcanic activity, a recently formed current rip of tremendous power and extent in the Pacific Ocean many miles from land, we studied a rookery of albatrosses and obtained slow motion pictures of frigate birds in flight. The *Arcturus* returned to New York on July 30, flying a homeward bound pen-

nant, one hundred and eighty feet in length, each foot representing a day of absence.

Since that time a volume, "The Arcturus Adventure," has been almost completed, treating of the expedition from the same popular yet scientifically accurate angle as the Galapagos book.

An elaborate exhibit of apparatus, paintings, photographs and specimens was held for two weeks at the American Museum of Natural History. Miss Cooper has held exhibits of her paintings in Chicago, New York and Washington.

Some fifty lectures have been given throughout the country by William Beebe and Ruth Rose, and fifteen articles have been published in the Zoological Society BULLETIN and other magazines.

Many collections have been prepared for technical study and all the specimens have been gone over and carefully cared for by the preparateur, Mr. Serge Chetyrkin.

One of the most gratifying results of the Zoological Society's oceanographic expeditions which I have taken in the *Noma* and the *Arcturus* is the awakened interest which they have aroused in others to carry on this work near the Galapagos and other places.

I was able to give considerable assistance to Mr. Harry Payne Bingham for his oceanographic trip in the *Pawnee* to the Caribbean, which ultimately aroused such enthusiasm that he has now built a special ship for this work. I helped outfit Mr. William K. Vanderbilt, who is leaving in the *Ara* early in 1926 for the Galapagos.

Zane Grey consulted with me concerning the big-game fishing trip which he later made to the Galapagos in his schooner, *Fisherman*, resulting in an interesting volume on his experiences.

As a result of my volume on the Galapagos, four United States cruisers visited the Archipelago on their way home from Australia, and Commander Kalbfus sent me a full account of the volcano, which in late September was still in full eruption. He also sent a photograph of the lava pouring into the sea, taken from an airplane.

The most unexpected result of the entire Arcturus Expedition was the tremendous interest it aroused throughout this country and abroad. The only direct outside articles published concerning it were six contemporary accounts wirelessly to the *New York Times*. Few expeditions have had such extensive and at the same time such dignified advertisement.

II—ZOOLOGICAL WORK BY THE SOCIETY'S STATION AT KARTABO, BRITISH GUIANA

In every spare moment the studying and writing-up and publishing of the work of past years has been prosecuted, with the result of the appearance during 1925 of a volume of essays, "Jungle Days," and of five important technical papers in the Zoological Society's *ZOOLOGICA*,—monographs of the "Ecology of a Quarter of a Square Mile of Jungle," the "Varigated Tinamou," the "Membracidae," the "Termites" and the "Isopods." These form a complete volume of *ZOOLOGICA*, Volume VI, and contain a total of over five hundred pages. This is more than has been published in any one preceding year, and is particularly gratifying when the contemporary great labor and responsibility of the *Arc-turus* undertaking is considered. Additional monographs on the life history of the Three-toed Sloth and the Fish of Kartabo are already in type. At the end of the year, the Zoological Society reassumed control of the Kartabo Station and my old servant and caretaker, Sam Christopher, has been engaged to look after the Zoological Society's property during 1926 until new work is begun.

Among other gifts, fifty Isopods, including two types, and five hundred and eighty Lepidoptera have been given to the American Museum. A summary of part of the Coleoptera taken in the quarter of a square mile of jungle, shows 1,093 species and 4,006 specimens.

III—KARTABO ZOOLOGICAL WORK BY THE UNIVERSITY OF PITTSBURGH

The matter for this report has been furnished me by Dr. S. H. Williams, who was in charge of the University of Pittsburgh class which visited Kartabo during 1925.

The University of Pittsburgh, under the agreement with Mr. William Beebe, operated the Tropical Research Station at Kartabo during the summer of 1925.

The party, under the direction of Samuel H. Williams, Professor of Zoology, consisted of twenty students, representing ten American Colleges and Universities, and Howard E. Enders, Professor of Biology at Purdue University, as Associate.

The Station was opened on June 8 and closed on September 15. During the summer, Professor H. D. Fish, Head of the Department of Zoology, visited the station for the purpose of ascertaining what addi-

tional equipment and repairs would be necessary should the opportunity for further use be offered. Twenty beds, three large tents, mosquito tents, fire pots, and additional laboratory equipment were added during the summer by the University. Two outboard motors and one large "Old Town" canoe were also purchased and left at the Station. A number of repairs, including a new roof, were made to the building.

The policy of administration was one of conservation rather than exploitation and was, in other ways, guided by the policies of Mr. Beebe. The shooting of birds and other animals was limited chiefly to food varieties.

Many phases of life were studied and ecological observations, coincident therewith, were carefully recorded. Incidental studies of temperature variations in the three-toed sloth; the oxygen content of various brooks; bamboo growths; cannibalism among certain snakes in captivity; aquatic associations in swamps, etc., were made.

Specialized studies were as follows:

Serpents: Twenty-seven species were recorded and their habits; arboreal, terrestrial, and burrowing adaptations; head characters and fangs, both true and false, were studied.

Spiders: A great variety of forms were collected and observations on their habits were made. Attempts to study the virulence of *Tarantulas* were frustrated by the failure to induce the captured spiders to bite.

Geoplanidae: A comprehensive survey of the *Geoplanidae* was conducted, but it is not possible at this time to estimate the number of species.

Mollusks: Twenty-three species of land *Gastropods* were collected and a careful study of their habitats were recorded. The aquatic forms were very scarce, not many species of either *Gastropods* or *Pelecypods* having been found. Although the number of species and specimens was comparatively few, the study, which was most intensive, every collecting device having been used, was very important ecologically.

Trichoptera: These were very scarce in the months of June, July, and August. Many larvae of *Helicopsyche* and *Hydropsyche* were taken along the shore of the river, but there was a paucity of forms in the smaller streams. Only twelve species were taken. Efforts to raise adults in laboratory tanks and in mesh traps placed in the localities where the larvae were found, proved disappointing.

Hemiptera: Almost three hundred species of Hemiptera, exclusive of the Membracidae, were taken.

Coleoptera: About six hundred species of beetles were taken, many of them being new additions to the previous collections.

Diptera: About two hundred species of dipterous insects (exclusive of the Tipulidae) were collected during the summer.

Lepidoptera (Heterocera): Several hundred specimens of moths were collected. A rough estimate of the species would be placed at one hundred and fifty.

Parasites: An extensive collection of ectoparasites was made. All birds and other game animals, such as monkeys, sloths, ant-eaters, etc., were examined for Mallophaga, Acarinids, and ticks. The entrails of all animals killed were examined for endoparasitic forms. The wasps were examined for Strepsistera, and the beetles were examined for mites. In the latter cases the families and genera were carefully recorded, wherever possible, for comparison with our northern forms. Ticks, chigoes, bete-rouge, warble flies, were collected from rats, toads and monkeys.

A rather good systematic collection of Odonata was made for Dr. Hugo Kahl of the Carnegie Museum.

In addition to the above a fresh-water porpoise was secured by a totally unexpected happening. After having escaped shots and harpoons, an unfortunate individual got caught in a gill net and was drowned. It was the third specimen to reach the United States and will be reported in a special paper.

On the whole, the summer was a profitable one, and the members of the party voted Kartabo to be a "Garden of Eden" for the biologist. The possibilities for further studies in ecology and many phases of plant and animal life are unlimited.

PUBLISHED CONTRIBUTIONS OF THE DEPARTMENT OF
TROPICAL RESEARCH IN 1925

188—Hemiptera-Heteroptera of the Williams Galapagos Expedition.

H. G. Barber

Zoologica. Vol. V, No. 21

189—(Addition to earlier list)

Remarks on Beebe's Tropical Wild Life

Thomas E. Penard

The Auk, Vol. 36, No. 2, p. 221

- 189a—(Addition to earlier list)
Comments on a Recent Check List
Thomas Barbour
American Naturalist, Vol. LIV, p. 285
- 190—Ecological Study of a Quarter Mile of Tropical Jungle
William Beebe
Zoologica, Vol. VI, No. 1
- 191—Monograph of the Varigated Tinamou
William Beebe
Zoologica, Vol. VI, No. 2
- 192—The Membracidae of Kartabo
M. D. Haviland
Zoologica, Vol. VI, No. 3
- 193—Monograph of the Termites of Kartabo
Alfred E. Emerson
Zoologica, Vol. VI, No. 4
- 194—The Isopods of Kartabo
Willard G. Van Name
Zoologica, Vol. VI, No. 5
- 195—The Life of Death
William Beebe
The Ladies' Home Journal, April
Cornhill, September
- 196—Falling Leaves
William Beebe
Ladies' Home Journal, May
Adelphi, September
- 197—Thrills in the Jungle
Collier's, July
- 198—Off to the Fabled Sargasso Sea
William Beebe and Ruth Rose
New York Times, February 15
- 199—In Pursuit of an Illusive Sea
William Beebe and Ruth Rose
New York Times, April 19
- 200—Gathering Marine Wonders
William Beebe and Ruth Rose
New York Times, June 7

- 201—Prospecting the Ocean Floor
William Beebe and Ruth Rose
New York Times, June 14
- 202—Climbing a Fiery Volcano
William Beebe and Ruth Rose
New York Times, June 21
- 203—Ocean Tells New Tales
William Beebe and Ruth Rose
New York Times, August 9
- 204—Jungle Days
William Beebe
G. P. Putnam's Sons
- 205—The Serpent and the Dove
Ruth Rose
Pictorial Review, July
- 206—The Arcturus Oceanographic Expedition
Henry Fairfield Osborn, Jr.
Zoological Society Bulletin, July
- 207—Equipping the *Arcturus*
Edwin C. Bennett
Zoological Society Bulletin, July
- 208—Deep-Sea Exploration
Spencer Miller
Zoological Society Bulletin, July
- 209—The Arcturus Expedition
Madison Grant
Zoological Society Bulletin, July
- 210—Logging the *Arcturus*
William Beebe
Zoological Society Bulletin, July
- 211—The Second Half of the Arcturus Adventure
William Beebe and Ruth Rose
Zoological Society Bulletin, September
- 212—A Double Page of Ocean Wonders
William Beebe
Zoological Society Bulletin, September

- 213—From the Log of My Wonderful Voyage
David Binney Putnam
St. Nicholas, September
- 214—David Goes Voyaging
David Binney Putnam
G. P. Putnam's Sons
- 215—The Sharks of Narborough
William Beebe
Atlantic Monthly, October
- 216—A Conversation in the Galapagos
Edmund Wilson
Atlantic Monthly, November
- 217—Cocos Treasure
Ruth Rose
New York Times, November 29
- 218—Gaudy Fish From Galapagos
Isabel Cooper
New York World, November 29
- 219—Where Currents Rip
William Beebe
Ladies' Home Journal
The World of Today, December
- 220—The Home Life of a Fish
William Beebe
The Forum, December
- 221—Slumberers of the Surge
William Beebe
Harper's, December
- 222—With Helmet and Hose
William Beebe
Ladies' Home Journal, December
- 223—A Review of the Doradidae
Carl H. Eigenmann
Trans. Amer. Philos. Soc. Vol. XXII. Part 5.
- 224—Galapagos: World's End
William Beebe
G. P. Putnam's Sons, Publishers

Thirtieth Annual Report

THE ZOOLOGICAL PARK

THE NEW YORK AQUARIUM

DEPARTMENT OF TROPICAL RESEARCH



BARBARY LION



YELLOW-HAIRED PORCUPINE—PHASE OF CANADA PORCUPINE FROM WISCONSIN
Erithison dorsatus



KING PENGUINS
Aptenodytes patagonicus (Forst.)



RIDING ANIMAL INSTALLATION; ZOOLOGICAL PARK

This structure and the enclosure were completed in 1925.



SADDLE-BILLED STORK
Ephippiorhynchus senegalensis (Shaw)



LAKE AGASSIZ; ZOOLOGICAL PARK
This beautiful little lake is being deepened and cleaned.



AFRICAN CHAMELEON; OLD WORLD ARBOREAL LIZARD
Chamaeleon vulgaris



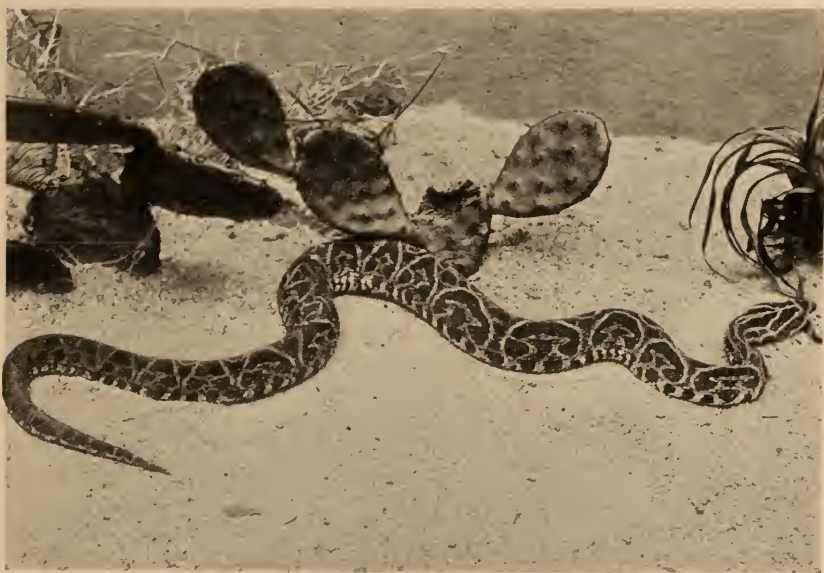
BOX TORTOISES; EASTERN UNITED STATES
Terrepene carolina



SOMALI WILD ASS; CENTRAL AND EASTERN AFRICA
Equus asinus abyssinicus



LEATHER-BACK LIZARD; NORTHERN SOUTH AMERICA
Dracaena guianensis



URUTU; BRAZIL, SOUTH AMERICA
Bothrops alternatus



CHAPMAN-BURCHELL ZEBRA; COLT BORN JULY, 1923
Equus burchelli chapmani



INDIAN BLACK-HEADED IBIS
Threskiornis melanocephala (Lath.)



BLACK-BELLIED TREE DUCKS
Dendrocygna autumnalis (Linn.)



NEW ROCKWORK; NEW YORK AQUARIUM
Queen Triggerfish at the left



SEA HORSES; NEW YORK AQUARIUM
This is the most popular exhibit at the aquarium



NEW ROCKWORK; NEW YORK AQUARIUM
The specimens are Angelfishes of three species



NEW ROCKWORK; NEW YORK AQUARIUM



THE *ARCTURUS* OUTWARD BOUND
Starting out on her six-months cruise



THE DIVING HELMET IN OPERATION
William Beebe going down in Darwin Bay, Tower Island



DECK OF THE *ARCTURUS*
Sorting a rich haul of the dredge



ARCTURUS LAKE
Intensely saline crater-lake discovered on Tower Island



THE *ARCTURUS* AT COCOS ISLAND
View seaward through the tree ferns



ALBEMARLE ISLAND VOLCANOES IN ACTION
Lava pouring into the sea, destroying all marine shore-life

FINANCIAL SUMMARY

The financial administration of the Zoological Society is under the Treasurer, the Executive Committee and the Finance Committee.

The *City Funds* are derived under the vote of the Board of Estimate and Apportionment, from the City of New York, as follows:

City Zoological Park Building Fund
 Zoological Park Maintenance Fund
 Aquarium Maintenance Fund
 City Aquarium Building Fund

The total appropriation by the City for these purposes during the year 1925 was \$407,848.49, which was expended as accounted for in this Report.

The *Zoological Society Funds* are divided into:

(1) The "Endowment Funds," including:

General Endowment Fund.....	now totaling	\$595,720.35
Sage Endowment Fund.....	" "	618,622.04
Rockefeller Endowment Fund	" "	500,000.00
George F. Baker Endowment Fund.....	" "	100,000.00
Cadwalader Endowment Fund.....	" "	25,296.58
Florence Lydig Sturgis Endowment Fund..	" "	10,951.81
Stokes Bird Endowment Fund.....	" "	5,665.00
Carnegie Pension Endowment Fund.....	" "	100,066.25

(The above amounts are as of December 31, 1925)

(2) "Special Funds," including gifts from year to year from members and friends of the Society, which are divided into accounts as follows:

Animal Account, for 1925, derived from special endowment gifts and receipts of privileges..... \$21,351.75
 Art Gallery Account, for the purchase of Animal Paintings 3,750.00
 The Society's funds and gifts also include:

(3) The Park and Aquarium building accounts are derived either from gate receipts, special contributions or from its endowment.

The expenditures from these building accounts for the past year were as follows:

Zoological Park Improvement and Repair Account, derived by authority from Gate Receipts..... \$16,806.00
and (4) The "Scientific Research and Publication Fund" divided as follows:

1925 EXPENDITURES ON EXPLORATION AND PUBLICATION

Publication Account	\$16,320.23
Tropical Research Station Account.....	9,482.64
Arcturus Exploration Account	173,769.62
Library Account	1,166.25
Heads and Horns Collection Account.....	667.78

This financial summary shows that during the year 1925 from endowment, from contributions and from publication funds the Society has expended a grand total of \$319,221.93. For the continuation of this work, of such great public benefit in the Park and Aquarium, and of such great scientific and literary value in its publications, the Society requires the immediate addition of \$2,000,000 to its general endowment and the constant attention of its members and friends for the needs of its Library, of its Heads and Horns Collection, of its Publications, of its Animal Painting Gallery, etc.

Communications and contributions to the Endowment Fund or Building Fund should be addressed either to the

Secretary of the New York Zoological Society, 27 Pine Street, or to the

Treasurer of the New York Zoological Society, care of the Farmers' Loan and Trust Company, 20-22 William Street.

The form of gift or bequest is printed on page ix of this Report.

STATEMENT OF FUNDS PROVIDED BY
THE VARIOUS CITY ADMINISTRATIONS FOR THE DEVELOPMENT AND
MAINTENANCE OF THE ZOOLOGICAL PARK AND AQUARIUM
FROM THE ORGANIZATION OF THE SOCIETY TO THE PRESENT
1896 to 1926

MAYOR	COMPTROLLER	Year	MAINTENANCE		CORPORATE STOCK ISSUES	
			Park	Aquarium	Park	Aquarium
Robert A. Van Wyck 1898-1901	Bird S. Coler 1898-1901	1899	\$30,000.00	.....	.....	.....
		1900	40,000.00	.....	\$125,000.00	.....
		1901	65,000.00	.....	300,000.00	.....
		1902	85,000.00	\$ 5,959.97	250,000.00	.....
Seth Low 1902-1903	E. M. Grout 1902-1903	1903	104,965.00	46,453.68	250,000.00	\$30,000.00
		1904	104,965.00	46,439.72	275,000.00	40,000.00
G. B. McClellan 1904-1909	E. M. Grout 1904-1906	1905	134,965.00	44,968.50	275,000.00	.....
		1906	144,965.00	44,987.71	250,000.00	.....
	Herman A. Metz 1907-1909	1907	141,558.75	44,183.87	100,000.00	.....
		1908	154,627.00	44,157.27	65,000.00	.....
		1909	162,325.00	45,971.44	10,000.00	.....
		1910	167,632.00	45,974.86	89,500.00	.....
W. J. Gaynor 1910-1913 Ardolph L. Kline 1913	W. A. Prendergast 1910-1913	1911	174,632.00	47,560.21	155,000.00	.....
		1912	182,365.00	46,597.08	.....	.....
		1913	191,925.00	47,335.62	.....	29,100.00
		1914	200,000.00	46,995.53	.....	.....
J. P. Mitchel 1914-1917	W. A. Prendergast 1914-1917	1915	200,000.00	46,991.66	21,425.00	.....
		1916	197,074.35	46,996.43	.....	.....
		1917	199,560.00	46,903.61	.....	.....
		1918	207,586.00	48,630.71	.....	.....
J. F. Hylan 1918 to 1926	C. L. Craig 1918 to 1926	1919	190,000.00	45,000.00	5,000 00	.....
		1920	250,098.27	53,971.48	15,000.00	.....
		1921	276,951.01	65,203.12	.....	.....
		1922	264,618.05	63,341.26	.....	25,000.00
		1923	264,515.00	59,226.00	.....	86,000.00
		1924	264,514.49	58,309.00	.....	7,970.00
		1925	264,514.49	58,334.00	52,000 00	33,000.00
		1926	274,280.00	62,348.00	.....	.....
	Totals		\$4,938,636.41	\$1,212,840.73	\$2,237,925.00	\$251,070.00

Note: The appropriations for each year are granted by the Board of Estimate the previous year.

SUMMARY OF EXPENDITURES, 1896 to 1925, NEW YORK ZOOLOGICAL SOCIETY AND THE CITY OF NEW YORK

ON ACCOUNT OF THE DEVELOPMENT AND MAINTENANCE OF THE ZOOLOGICAL PARK AND THE AQUARIUM, INCLUDING THE PURCHASE OF COLLECTIONS AND ALSO FOR THE SCIENTIFIC AND GENERAL PURPOSES OF THE SOCIETY.

Year	EXPENDED BY THE CITY OF NEW YORK			FROM GATE RECEIPTS		EXPENDED BY THE NEW YORK ZOOLOGICAL SOCIETY									
	Zoological Park Maintenance	Aquarium Maintenance	Bond Issues a/c—Park and Aquarium	Construction and Repairs	Purchase of Animals	Zoological Park Development	Aquarium Improvements	Zoological Park Maintenance	Aquarium Maintenance	Purchase of Animals	Aquarium Specimens	Heads and Horns Collection	Pension Fund Contribution	Library and Paintings	Scientific and General Purposes
1896						\$ 4,213.63									
1897						6,424.61									
1898						23,597.80		\$ 1,292.16							\$ 2,903.71
1899	\$ 30,000.00					145,495.80		7,038.61		\$ 8,540.72					4,339.20
1900	40,000.00		\$125,000.00		\$ 2,470.88	34,626.24		6,189.33		3,784.32				\$ 102.76	3,476.02
1901	65,000.00		300,000.00		2,998.80	18,348.61		3,714.37		11,652.24				88.13	5,601.78
1902	85,000.00	\$ 5,959.97	250,000.00		4,256.50	5,908.69		2,757.57		20,983.07				462.20	7,597.16
1903	104,965.00	46,453.68	280,000.00		5,912.95	1,038.20				20,361.62				224.73	11,068.69
1904	104,965.00	46,439.72	315,000.00		5,421.90	1,013.87		1,894.37		14,299.61				456.03	13,608.10
1905	134,965.00	44,968.50	275,000.00		6,849.00	144.00				20,643.40				887.16	15,072.84
1906	144,965.00	44,987.71	250,000.00		8,132.35	778.48				14,907.36				418.10	18,773.90
1907	141,558.75	44,183.87	100,000.00		8,248.65	370.72				10,606.03				319.16	17,961.67
1908	154,627.00	44,157.27	65,000.00		9,446.40	232.27				4,231.61		\$ 892.71		644.05	15,999.68
1909	162,325.00	45,971.44	10,000.00		9,992.75	2,860.92				9,734.43		7,340.82		1,313.87	14,693.92
1910	167,632.00	45,974.86	89,500.00		9,909.90	5,918.35				4,339.25	\$ 973.90	2,036.39		609.56	17,168.95
1911	174,632.00	47,560.21	155,000.00		11,611.15	1,155.00				6,659.89	1,191.80	1,615.38		1,021.87	20,627.77
1912	182,365.00	46,597.08			11,838.40	40.00				22,750.18	1,350.03	556.94		1,221.26	23,409.39
1913	191,925.00	47,335.62	29,100.00		12,404.25	218.45				10,665.57	1,850.25	486.00		1,031.55	32,109.01
1914	200,000.00	46,995.53		\$ 9,237.81	3,831.15	2,175.13				22,590.44	1,792.99	338.73	\$3,333.33	732.97	32,543.88
1915	200,000.00	46,991.66	21,425.00	9,175.86		887.88				13,629.41	1,466.64	1,024.91	8,000.00	3,541.15	28,246.42
1916	197,074.35	46,996.43		9,599.81		425.30				13,511.12	2,193.57	1,031.47	8,000.00	4,181.24	31,398.08
1917	199,560.00	46,903.61		3,488.31	7,118.90	1,450.05				10,175.70	1,637.15	18.12	8,000.00	1,555.12	38,339.99
1918	207,586.00	48,630.71		2,642.70		48.12		11,537.79		8,425.92	960.19	18.61	8,000.00	2,869.20	44,262.48
1919	190,000.00	45,000.00	5,000.00	4,917.84			\$ 3,450.00	19,924.00	\$ 93.61	13,345.59	1,028.05	88.27	8,000.00	3,559.85	34,125.49
1920	250,098.27	53,971.48	15,000.00	17,438.28		5,007.00	4,095.03	5,141.92	407.07	32,761.08	1,654.02	263.86	8,000.00	1,442.07	45,599.71
1921	276,951.01	65,203.12	86,000.00	25,463.77		88,734.92	53,635.02	6,068.17		27,442.59	2,165.05	2,661.67	8,000.00	2,517.64	51,018.20
1922	264,618.05	63,341.26	25,000.00	17,060.00		50,888.65	16,153.03	10,074.88	3,326.28	43,047.41	3,057.91	7,191.93	8,000.00	4,698.24	55,684.15
1923	262,724.50	57,166.63		18,388.20		5,000.00		19,019.09	3,319.44	24,456.20	1,432.89	1,550.69	8,000.00	5,165.78	58,797.69
1924	262,471.01	57,319.20	7,970.00	16,806.00				28,956.34	8,097.14	11,560.62	2,013.88	942.34	8,000.00	3,391.96	58,404.21
1925	262,808.69	58,324.89	85,000.00	19,974.05				38,793.01	4,380.45	20,843.01	2,609.55	667.78	8,000.00	1,938.77	76,559.41
Add premium on Bonds, less Balances reverting to the City			35,559.89											1,174.24	242,753.89
Expended in connection with preparation and publication of "A Monograph of the Pheasants" — gift of Col. Anthony R. Kuser															194,100.00
Expended in connection with Galapagos Expedition — gift of Harrison Williams															98,670.00
Totals. .||\$4,658,816.63||\$1,147,434.45||\$2,524,554.89|| \$154,192.63 | \$120,443.93 || \$407,002.69 | \$109,605.29 | \$163,981.61 | \$20,600.46 | \$425,948.39 | \$27,377.87 | \$29,462.39 | \$91,333.33 | \$42,168.66 | \$1,314,915.42															
88,330,805.97			274,636.56			2,632,366.11									

CLASSIFIED SUMMARY OF EXPENDITURES FOR THE YEAR 1925, NEW YORK ZOOLOGICAL SOCIETY

	PARK MAINTENANCE		AQUARIUM MAINTENANCE		NEW YORK ZOOLOGICAL SOCIETY FUNDS						GRAND TOTAL	
	From City Funds		From City Funds		Special Funds		General Income Fund		Scientific & Research		Salaries	Other Items
	Salaries	Other Items	Salaries	Other Items	Salaries	Other Items	Salaries	Other Items	Salaries	Other Items		
Zoological Park: Maintenance by City												
Administration	\$28,142.18										\$28,142.18	
Care of Buildings and Collections	88,016.08										88,016.08	
Care of Grounds	79,965.13										79,965.13	
Supplies		\$69,109.80										\$69,109.80
Equipment		3,874.37										3,874.37
Materials		7,174.72										7,174.72
Miscellaneous and Contingencies		4,428.02										4,428.02
Construction of Walks	575.00										575.00	
Construction of Machinery Shed		1,435.10										1,435.10
Repairs of Permanent Improvements	10,564.99	10,558.60									10,564.99	10,558.60
Gate Receipts												
Construction and Repair					\$12,114.67	\$ 7,601.13					12,114.67	7,601.13
Contributions by Society												
Maintenance												
Administration							\$ 22,558.55	\$16,234.46			22,558.55	16,234.46
Purchase of Animals							16,623.04	14,067.12			16,623.04	14,067.12
Scientific Purposes						20,843.01					20,843.01	
Heads and Horns Collection								3,500.00	\$49,546.07	\$151,192.67	49,546.07	154,692.67
Insurance									600.00	67.78	600.00	67.78
Membership Expenses								2,150.72			2,150.72	
Pension Contributions							750.00	2,341.43			750.00	2,341.43
Paintings						4,335.00		3,665.00				8,000.00
Miscellaneous Expenditures						7.99						7.99
						250.00	1,233.00	5,098.91			1,233.00	5,348.91
Aquarium: Maintenance by City			\$46,624.56	\$11,700.33							46,624.56	11,700.33
Contributions by Society												
Maintenance												
Insurance							4,380.45				4,380.45	
Aquarium Specimens								911.41				911.41
Miscellaneous Expenditures								2,609.55				2,609.55
								1,755.77				1,755.77
Totals	\$207,263.38	\$96,580.61	\$46,624.56	\$11,700.33	\$12,114.67	\$33,037.13	\$45,545.04	\$52,334.37	\$50,146.07	\$151,260.45	\$361,693.72	\$344,912.89
Totals by Funds	\$303,843.99		\$58,324.89		\$45,151.80		\$97,879.41		\$201,406.52		\$706,606.61	

Treasurer's Reports

FOR THE YEAR ENDING DECEMBER 31, 1925

CORNELIUS R. AGNEW, *Treasurer*

22 William Street

New York City

GROUP I

Maintenance Fund

ZOOLOGICAL PARK ACCOUNT

INCOME

Received from the City of New York on account of Park Maintenance Appropriation of \$264,514.49 for the year	\$262,199.38	
Due from the City on Account of Park Maintenance Appropriation	609.31	
Unexpended balances reverting to the City.....	1,705.80	\$264,514.49
Deficit payable by the New York Zoological Society Shortage in City Maintenance Appropriation for 1925		29,875.12
		<u>\$294,389.61</u>

EXPENDITURES

Personal Service:

General administration	\$28,262.98	
Maintenance of buildings and care of collections	89,664.11	
Maintenance and care of grounds	80,025.53	\$197,952.62

Supplies:

Food for animals	\$44,196.51	
Fuel	22,482.01	
Fuel oil	61.76	
Office supplies	645.81	
Stationery and printing	883.66	
Drugs and medicines	115.11	
Medical and surgical supplies.....	65.05	
Disinfectants	258.85	
Janitors' supplies	189.61	
Motor vehicle supplies	601.55	
Ice	121.80	
Nursery stock and seeds	120.93	
Nursery supplies	1.68	
Miscellaneous supplies	1,194.70	70,939.03

Equipment:

Uniforms and wearing apparel	\$2,942.29	
Office equipment	414.41	
Motor vehicles and equipment.....	422.52	
Awnings and shades.....	73.68	
Janitors' equipment	486.98	
Mats and floor coverings.....	37.50	
Painters' equipment	83.48	
Rubber hose	215.04	
Tools and machinery	733.99	
Miscellaneous equipment	496.36	5,906.25

Materials:

Motor vehicle materials	\$239.32	
Bolts, nails and hardware.....	501.54	
Electrical materials	80.16	
Fencing and netting	379.80	
Furnace materials	735.53	
Glaziers' materials	449.03	
Lumber	2,265.08	
Paints and oils	2,056.43	
Plumbing materials	702.50	
Sand, cement and brick	788.55	
Steel and iron	553.05	
Miscellaneous materials	460.09	9,211.03

Contract or Open Order Service:

Apparatus and machinery repairs.....	\$67.37	
Harness and vehicle repairs.....	55.00	
Painting labels	22.95	
Plumbing repairs	1,806.00	
Sanitary service	130.00	
Miscellaneous repairs	454.85	
Motor vehicle repairs	144.75	
Electric service	3,719.25	
Gas service	59.23	
Telephone service	1,382.52	
Expressage and deliveries	156.48	7,998.40

Contingencies:

Medical attendance, employees	\$459.00	
Miscellaneous expenses	217.43	676.43

Total expenditures	\$292,683.81
Unexpected balances reverting to the City.....	1,705.80
	<hr/>
	\$294,389.61

GROUP I

Maintenance Fund

AQUARIUM ACCOUNT

INCOME

Received from the City of New York on account of Aquarium Maintenance Appropriation (\$58,- 334.00) for the year	\$48,546.70	
Due from the City on Account of Aquarium Maintenance Appropriation	9,778.19	
Unexpended balance reverting to the City.....	9.11	\$58,334.00
Deficit payable by the New York Zoological Society Shortage in City Maintenance Appropriation for 1925		2,848.73
		<u>\$61,182.73</u>

EXPENDITURES

Salaries and Wages	\$48,505.56
Forage and Veterinary Supplies	2,992.84
Fuel Supplies	5,718.24
Office Supplies	120.00
Laundry, Cleaning and Disinfecting Supplies.....	159.66
Refrigeration Supplies	175.00
General Plant Supplies	450.00
Office Equipment	100.00
Wearing Apparel	128.00
General Plant Equipment	865.95
General Plant Materials	499.88
Repairs and Replacements	846.96
Expressage and Cartage	244.62
Telephone Service	231.43
Contingencies	135.48
Total Expenditures	<u>\$61,173.62</u>
Unexpended balance reverting to the City.....	9.11
	<u>\$61,182.73</u>

M. C. FENSTEMAKER, Clerk, January 21, 1926.

GROUP II

Endowment Fund

GENERAL ENDOWMENT ACCOUNT

Funds as of December 31, 1924:

Cash in bank	\$3,914.50	
Investments at cost	572,284.40	\$576,198.90
	<hr/>	

RECEIPTS

Edwin Gould	\$15,000.00	
C. F. Dieterich	1,000.00	
Oswald W. Uhl	800.00	
Other subscriptions	595.00	
Life memberships	2,000.00	
Profit on sale of bonds.....	126.45	19,521.45
	<hr/>	<hr/>
		\$595,720.35

EXPENDITURES

No expenditures during 1925

Funds as of December 31, 1925:

Investments at cost (for details see list of securities)	\$592,425.10	
Uninvested balance	3,295.25	\$595,720.35
	<hr/>	<hr/>
		\$595,720.35

SAGE ENDOWMENT ACCOUNT

Funds as of December 31, 1924:

Cash in bank	\$2,056.64	
Investments at acquired values	613,976.65	\$616,033.29
	<hr/>	

RECEIPTS

Profit on sale of bonds.....	\$1,958.75	
General Electric Co. common stock dividend.....	630.00	\$2,588.75
	<hr/>	<hr/>
		\$618,622.04

EXPENDITURES

No expenditures during 1925.

Funds as of December 31, 1925:

Investments at cost (for details see list of securities)	\$618,585.63	
Uninvested balance	36.41	\$618,622.04
	<hr/>	<hr/>
		\$618,622.04

GROUP II

Endowment Fund

ROCKEFELLER ENDOWMENT ACCOUNT

Funds as of December 31, 1924:

Cash in bank	\$662.50	
Investments at cost	499,337.50	\$500,000.00
	<hr/>	

EXPENDITURES

No expenditures during 1925

Funds as of December 31, 1925:

Investments at cost (for details see list of securities)	\$499,880.63	
Cash in bank	119.37	\$500,000.00
	<hr/>	

GEORGE F. BAKER ENDOWMENT ACCOUNT

Funds as of December 31, 1924:

Cash in bank	\$87.75	
Investments at cost	99,912.25	\$100,000.00
	<hr/>	

Funds as of December 31, 1925:

Investments at cost (for details see list of securities)	\$99,912.25	
Uninvested balance	87.75	\$100,000.00
	<hr/>	

GROUP III

Special Endowment Fund**CADWALADER ANIMAL ENDOWMENT ACCOUNT**

Funds as of December 31, 1924:

Cash in bank	\$4,296.58	
Investments at cost	20,000.00	\$24,296.58

RECEIPTS

Interest on investments		1,000.00
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\$25,296.58

EXPENDITURES

No expenditures during 1925

Funds as of December 31, 1925:

Investments at cost (for details see list of securities)	\$20,000.00	
Uninvested balance	5,296.58	\$25,296.58

\$25,296.58**FLORENCE LYDIG STURGIS ACCOUNT**

Funds as of December 31, 1924:

Cash in bank	\$414.31	
Investments at cost	9,987.50	\$10,401.81

RECEIPTS

Interest on investments		550.00
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\$10,951.81

EXPENDITURES

No expenditures during 1925

Funds as of December 31, 1925:

Investments at cost (for details see list of securities)	\$9,987.50	
Uninvested balance	964.31	\$10,951.81

\$10,951.81**STOKES BIRD ENDOWMENT ACCOUNT**

Funds as of December 31, 1924:

Cash in bank	\$658.54	
Investments at cost	5,056.46	\$5,715.00

RECEIPTS

Interest on investments		\$200.00
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\$5,915.00

GROUP III STOKES BIRD ENDOWMENT ACCOUNT

EXPENDITURES

Preservation of bird life		\$250.00
Funds as of December 31, 1925:		
Investments at cost (for details see list of securities)	\$5,056.46	
Uninvested balance	608.54	\$5,665.00
		<u>\$5,915.00</u>

CARNEGIE PENSION ENDOWMENT ACCOUNT

Funds as of December 31, 1924:		
Investments at cost		\$100,066.25
Funds as of December 31, 1925:		
Investments at cost (for details see list of securities)		\$100,066.25

GROUP IV

Special Fund

ANIMAL ACCOUNT

Unexpended balance as of December 31, 1924:		
Cash in bank	\$22,092.76	
Cash on hand	100.00	\$22,192.76

RECEIPTS

Receipts from park:		
Privilege Department (1925 receipts).....	\$20,000.00	
Sale of animals	1,121.50	
Checking	20.60	
Miscellaneous receipts	209.65	\$21,351.75
		<u>\$43,544.51</u>

EXPENDITURES

Purchase of animals:		
Mammals	\$10,990.00	
Birds	5,573.00	
Reptiles	3,218.40	
Insects	46.01	\$19,827.41
Express and other charges	\$678.88	
Traveling and other expenses	336.72	1,015.60
Unexpended balance as of December 31, 1925:		
Cash on hand	\$100.00	
Cash in bank	22,601.50	\$22,701.50
		<u>\$43,544.51</u>

GROUP IV

Special Fund**ART GALLERY ACCOUNT**

Unexpended balance as of December 31, 1924.....	\$2,287.58
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RECEIPTS

Lispenard Stewart	\$1,000.00	
Percy R. Pyne	500.00	
George C. Clark, Jr.	250.00	
C. F. Dieterich	250.00	
Cleveland H. Dodge	250.00	
Edward S. Harkness	250.00	
Anthony R. Kuser	250.00	
Ogden Mills	250.00	
Mortimer L. Schiff	250.00	
Frank K. Sturgis	250.00	
Irving K. Taylor	250.00	
George Bird Grinnell (refund)	49.14	\$3,799.14
		<hr/>
		\$6,086.72

EXPENDITURES

Miscellaneous expenses	\$7.99
Unexpended balance as of December 31, 1925.....	6,078.73
	<hr/>
	\$6,086.72

IMPROVEMENT AND REPAIR ACCOUNT

Unexpended balance as of December 31, 1924.....	\$1,342.26
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RECEIPTS

Gate receipts	19,974.05
	<hr/>
	\$21,316.31

EXPENDITURES

Boiler repairs	\$2,454.24	
Cage repairs	1,216.77	
Fence repairs	1,490.30	
Guard rails	115.00	
Hauling soil—Lake Agassiz	767.50	
New shop accessories	486.97	
Painting fences, etc.	1,570.50	
Small Mammal House cage repairs	1,693.20	
Small Mammal and Ostrich House gutter repairs....	647.55	
Turnstiles for entrances	1,724.94	
Walk repairs	1,788.36	
Watchmen (extra men)	2,089.85	
Miscellaneous repairs	3,670.62	\$19,715.80
		<hr/>
Unexpended balance as of December 31, 1925		1,600.51
		<hr/>
		\$21,316.31

GROUP V

General Income Fund

Unexpended balance as of December 31, 1924.....	\$31,876.96
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RECEIPTS

Income from General Endowment	\$27,927.49	
Income from Sage Endowment	33,842.76	
Income from Rockefeller Endowment	24,410.00	
Income from Baker Endowment	5,000.00	
Interest on bank balances	1,069.21	92,249.46
<hr/>		
Annual dues	\$22,420.00	
Sustaining memberships	160.00	22,580.00
<hr/>		
American Museum of Natural History	\$400.00	
Dr. Lillian Delger Powers	243.80	643.80
<hr/>		
		\$147,350.22

EXPENDITURES

General office expenses	\$7,186.89	
Stationery, printing and office supplies	3,276.81	
Salary of Chairman	7,000.00	
Salary of Secretary	3,500.00	
Treasurer's office expenses	2,100.00	
Audit of accounts	1,000.00	
Annual and separate reports	4,626.46	\$28,690.16
<hr/>		
Annual Meeting expenses	\$989.60	
Reception expenses	1,275.57	
Preparation and mailing circulars.....	826.26	3,091.43
<hr/>		
Educational films	\$3,500.00	
Publication Account (transfer)	16,000.00	
Library Account (transfer)	1,500.00	
Heads and Horns Collection Account (transfer).....	1,000.00	22,000.00
<hr/>		
Zoological Park Account 1924 Deficit (transfer).....	\$17,965.65	
Zoological Park Account 1925 (transfer).....	29,875.12	
Aquarium Account 1925 Deficit (transfer).....	2,848.73	
Special Maintenance (Zoological Park).....	20,827.36	
Special Maintenance (Aquarium)	4,380.45	
Aid to Employees	1,233.00	
Pension Fund Income Account (transfer).....	3,665.00	
Aquarium Specimens	2,617.05	
Aquarium expenses	1,748.27	
Insurance (Aquarium)	911.41	
Insurance (Zoological Park)	2,150.72	
Miscellaneous expenses	5,098.91	\$93,321.67
<hr/>		
Unexpended balance as of December 31, 1925.....		246.96
		<hr/>
		\$147,350.22

GROUP VI

Scientific and Research Fund

PUBLICATION ACCOUNT

Unexpended balance as of December 31, 1924..... \$236.53

RECEIPTS

General Income Fund (transfer)	\$16,000.00	
Sale of "Our Vanishing Wild Life".....	39.01	
Sale of "Tropical Wild Life in British Guiana".....	116.37	
Sale of Zoopathologica	3.50	16,158.88
		<hr/>
		\$16,395.41

EXPENDITURES

Bulletin	\$8,870.83	
Zoologica	5,794.06	
Photographs and slides	1,634.74	
Express and other charges	20.60	16,320.23
		<hr/>

Unexpended balance as of December 31, 1925..... 75.18

\$16,395.41

TROPICAL RESEARCH ACCOUNT

Unexpended balance as of December 31, 1924..... \$23.82

RECEIPTS

George F. Baker	\$1,000.00	
John E. Berwind	1,000.00	
Robert S. Brewster	1,000.00	
T. Coleman du Pont	1,000.00	
Edward S. Harkness	1,000.00	
Anthony R. Kuser	1,000.00	
Ogden Mills	1,000.00	
George D. Pratt	1,000.00	
Mortimer L. Schiff	1,000.00	
Dr. Lewis R. Morris	500.00	
Cleveland H. Dodge	250.00	9,750.00
		<hr/>
		\$9,773.82

EXPENDITURES

Salaries	\$9,086.33	
Laboratory supplies	118.59	
Stationery and office supplies	59.85	
Traveling and other expenses	47.67	
Miscellaneous expenses	170.20	\$9,482.64
		<hr/>

Unexpended balance as of December 31, 1925..... 291.18

\$9,773.82

ARCTURUS EXPLORATION ACCOUNT

Unexpended balance as of December 31, 1924..... \$35,893.64

RECEIPTS

Harrison Williams	\$132,353.28
American Museum of Natural History	5,000.00

GROUP VI

Scientific and Research Fund*Arcturus Exploration Account (Cont.)*

Thomas S. Gates	500.00	
Arthur E. Newbold	500.00	
Junius S. Morgan	250.00	138,603.28
		<hr/>
		\$174,496.92
EXPENDITURES		
Deep Sea Machinery	\$10,151.50	
Motion Pictures	4,295.46	
Museum Services	300.00	
Scientific Equipment	26,875.27	
Ship Alterations and Repairs	46,303.11	
Ship Operations	85,110.28	
Special Services	734.00	\$173,769.62
		<hr/>
Unexpended balance as of December 31, 1925.....		727.30
		<hr/>
		\$174,496.92

LIBRARY ACCOUNT

Unexpended balance as of December 31, 1924.....		\$234.12
RECEIPTS		
General Income Fund (transfer)		\$1,500.00
		<hr/>
		\$1,734.12
EXPENDITURES		
Books, pamphlets, etc.	\$243.64	
Subscriptions to periodicals	132.21	\$375.85
	<hr/>	
Express and other charges	\$12.00	
Miscellaneous expenses	778.40	790.40
	<hr/>	
Unexpended balance as of December 31, 1925.....		567.87
		<hr/>
		\$1,734.12

HEADS AND HORNS COLLECTION ACCOUNT

Unexpended balance as of December 31, 1924.....		\$88.33
RECEIPTS		
General Income Fund (transfer)		1,000.00
		<hr/>
		\$1,088.33
EXPENDITURES		
Heads and Horns	\$60.00	
Express and other charges	7.78	
Miscellaneous expenses	600.00	\$667.78
	<hr/>	
Unexpended balance as of December 31, 1925		420.55
		<hr/>
		\$1,088.33

H. R. MITCHELL, *Chief Clerk.*
January 1, 1926.

CORNELIUS R. AGNEW, *Treasurer.*

Department of Parks, Bronx -- City of New York**NEW YORK ZOOLOGICAL PARK**

Code N. D. P. 332 S.—Construction of Walks and Guard Rails and Restoration and Replanting of West Bank of Bronx River.

Approved by the Board of Estimate, July 18, 1919.... \$5,000.00

EXPENDITURES DURING 1924 AND 1925

Personal Service	\$1,600.00	
Materials	2,434.71	\$4,034.71

Unencumbered balance December 31, 1925.....		\$965.29
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Code N. D. P. 332 T.—Construction of a Machinery Shed and a General Storage Shed, including Architect's fees.

Approved by the Board of Estimate June 11, 1920.... \$15,000.00

EXPENDITURES DURING 1923, 1924 AND 1925

Personal Service	\$270.00	
Dinney-Newgarden Company	13,200.00	
Fred Sauvan, Hot Water Heating System	1,100.00	
Electricity installed	285.00	
Plumbing Materials	50.10	\$14,905.10

Unencumbered balance December 31, 1925.....		\$94.90
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Code R. D. P. 115 A.—Repairs and Replacements of Permanent Improvements in New York Zoological Park. All obligations contracted for hereunder to be incurred on or before December 31, 1925.

Adopted by the Board of Aldermen June 23, 1925, and approved by the Board of Estimate July 31, 1925 \$30,000.00

EXPENDITURES DURING 1925

Personal Service	\$10,564.99	
Materials	10,558.60	\$21,123.59

Unexpended balance December 31, 1925.....		\$8,876.41
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ENCUMBRANCES

Open Market Orders for Materials.....		\$5,864.98
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Unencumbered balance December 31, 1925		\$3,011.43
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Code R. D. P. 115 B.—Repairs and replacements to roof and dome of Elephant House, in New York Zoological Park, all obligations contracted for hereunder to be incurred on or before December 31, 1925.

Adopted by the Board of Aldermen, June 23, 1925, and approved by the Board of Estimate July 31, 1925 \$22,000.00

ENCUMBRANCES

Chrystie Cornice & Skylight Works, Inc.		\$12,994.00
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Unencumbered balance December 31, 1925		\$9,006.00
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December 31, 1925. JOHN H. BERGEN, *Chief Clerk*,
Department of Parks, Borough of The Bronx.

Department of Parks, Bronx--City of New York
AQUARIUM—ALTERATIONS

Code C. D. P. 4 A.—Construction of an additional story to the Aquarium, Approved, Board of Estimate, December 28, 1921	\$75,000.00
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EXPENDITURES

Contract, Thomas A. Reilly Co., for the construction of additional story to Aquarium	\$73,773.30	
Open Market Order for Blue Prints, Electro Sun Co...	7.00	\$73,780.30
Unexpended Balance as of December 31, 1925.....		\$1,219.70

Code C. D. P. 4 B.—Plumbing, heating and Interior Equipment for additional story to Aquarium Building

Approved by Board of Estimate, December 28, 1921	\$11,000.00
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EXPENDITURES

Contract, John Smith, for plumbing.....	\$720.00	
Contract, S. L. Snyder Co., for plumbing.....	675.00	
Contract, Henry Bing, for heating	495.00	
O. M. O. Thomas A. Reilly Co., relocate electrical equipment	850.00	
O. M. O. Thos. A. Reilly Co., stairs, Dove's partitions, etc.	875.00	
O. M. O. Joseph Barrie Co., electrical work.....	920.00	
O. M. O. Thos. A. Reilly Co., toilet room, second floor	833.00	
O. M. O. Joseph L. Burke Corporation, marble work..	899.00	
O. M. O. S. L. Snyder Co., for plumbing work	110.00	
O. M. O. S. L. Snyder Co., for plumbing work	130.00	\$6,507.00
Unexpended Balance as of December 31, 1925.....		\$4,493.00

ENCUMBRANCES

Contract, S. L. Snyder Co., plumbing.....	\$407.00	
Contract, Henry Bing, heating	1,490.00	
O. M. O. P. H. Keogan, electrical work	875.00	\$2,772.00
Unencumbered balance as of December 31, 1925.....		\$1,721.00

Code N. D. P. 4 C.—Completion of reconstruction of Aquarium Building.

Approved by Board of Estimate, January 29, 1925..	\$33,000.00
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EXPENDITURES

O. M. O. N. Y. Letter Co.—Printing Specifications...	\$61.05	\$61.05
Unexpended balance as of December 31, 1925.....		\$32,938.95

ENCUMBRANCE

Contract, Remo Realty Co., completion of reconstruction	\$31,369.80	\$31,369.80
Unencumbered balance as of December 31, 1925.....		\$1,569.15

January 1, 1926.

JAMES A. SHERRY, *Auditor*,
 Department of Parks, Manhattan.

SECURITIES OWNED BY NEW YORK ZOOLOGICAL SOCIETY

December 31, 1925

*Listed at Cost or Bequest Value***Endowment Fund**

GENERAL ENDOWMENT ACCOUNT

Bonds as follows:

\$50,000	American Tel. & Tel. Co., Collateral Trust 4%, 1929....	\$45,000.00
30,000	Amer. Tel. & Tel. Co. 20-yr. Skg. Fd. Debenture 5½%, 1943	29,475.00
4,000	Baltimore & Ohio RR. Co., 1st Mtge, 4%, 1948.....	3,120.00
3,000	Central RR. Co. of New Jersey, Gen. Mtge, 5%, 1987....	3,031.25
22,000	Chic., Mil. & Puget Sd. Ry. Co., 1st Mtge. Series A, 4%, 1949	20,775.00
20,000	Chicago & Northwestern Ry. Co., Gen. Mtge. 4%, 1987...	19,750.00
5,000	Colorado & Southern Ry. Co. 1st Mtge. 4%, 1929.....	4,750.00
15,000	Detroit Edison Co., Rfdg. 5%, 1949	14,625.00
20,000	Ill. Central RR., Chic., St. L. & N. O. Jt. RR. Co., 1st Rfdg. Series "A" 5%, 1963	20,083.75
9,000	Lehigh Valley Terminal Ry. Co., 1st Mtge. 5%, 1941....	9,090.00
75,000	P. Lorillard Co., 5%, 1951	72,775.00
5,000	Mich. Cent. RR. Co., Mich. Air Line RR. 1st Mtge. 4%, 1940	4,950.00
20,000	Milwaukee, Sparta & No. West'n Ry. Co., 1st Mtge. 4%, 1947	18,900.00
5,000	Missouri & Ill. Bdg. & Belt RR. Co., 1st Mtge. 4%, 1951..	5,000.00
1,000	Morris & Essex RR. Co., 1st Rfdg. Mtge. 3½%, 2000....	876.25
25,000	New England Tel. & Tel. Co., 1st Series A 5%, 1952....	24,843.75
25,000	N. Y. & Westchester Ltg. Co., Gen. Mtge. 100-yr. 5%, 2004	19,750.00
25,000	Oregon Short Line RR. Co., 1st Cons. Mtge. 5%, 1946....	25,990.00
10,000	St. Paul, Minn. & Man. Ry. Co., Cons. Mtge. 4%, 1933...	9,800.00
47,000	Union Pac. RR. Co., 1st Mtge. RR. & L. G. 4%, 1947....	44,058.00
12,500	United Electric Rys. Co., Gen. & Rfdg. Mtge. Series B, 4%, 1951	10,625.00
10,000	United Elec. Rys. Co., Prior Lien, Series B, 4%, 1946....	8,500.00
7,000	United New Jersey RR. & Canal Co., Gen. Mtge. 4%, 1944	6,230.00
75,000	United States Steel Corp., 10/60 yr. Skg. Fund 5%, 1963	77,814.95
20,000	Vandalia RR. Co., Cons. Mtge. Series B, 4%, 1957.....	19,400.00

Stocks as follows:

shares		
100	New York, Lackawanna & Western Ry. Co. Capital....	9,615.00
546	Standard Oil Co. of New Jersey Preferred.....	61,472.15
25	United Electric Rys. Co. Capital.....	2,125.00

\$592,425.10

SAGE ENDOWMENT ACCOUNT

Bonds as follows:

50,000	Central Pacific Ry. Co., 1st Rfdg. 4%, 1949.....	43,983.75
75,000	Chi., Burl. & Quincy RR. Co., 1st & Rfdg. Series A, 5%, 1971	75,605.00
6,000	Erie RR. Co., Prior Lien 4%, 1996.....	3,015.00
5,000	Ill. Central RR. Chic., St. L. & N. O. Jt. RR. Co., 1st Rfdg. Series "A" 5%, 1963.....	5,022.50
100,000	Indiana Steel Co., 1st Mtge. 5%, 1952.....	99,973.50
21,000	Interborough Rapid Transit Co., 1st & Rfdg. 5%, 1966...	13,413.75
75,000	Liggett & Myers Tobacco Co., Gold 5%, 1951.....	74,296.25
10,000	New Bruns. So. Ry. Co., 1st Mtge. 30-yr. Gold 3%, 1933	8,100.00
10,000	New York Central RR. Co., Cons. Mtge. Series A, 4%, 1998	8,034.00
50,000	N. Y. Central RR. Co., Rfdg. & Imp. Series C, 5%, 2013.	47,250.00
4,000	N. Y. State Rys. Co., 1st Cons. Mtge. Gold, Series A, 50-yr. 4½%, 1962	2,645.00
50,000	N. Y. Tel. Co. 1st & Gen. Mtge. Skg. Fund 4½%, 1939..	43,326.50
10,000	Ore.-Wash. RR. & Nav. Co., 1st & Rfdg. Mtge. Series A, 4%, 1961	6,500.00
5,000	Rochester Ry. & Light Co., Cons. Mtge. 5%, 1954.....	4,475.00
6,000	Schenectady Ry. Co., 1st Mtge. 30-yr. Series A, Gold 5%, 1946	3,690.00

Stocks as follows:

shares		
95	American Tobacco Co., Preferred	10,319.37
200	Atchison, Topeka & Santa Fe Ry. Co., Preferred.....	14,525.00
52	Bankers Trust Co., Capital	19,500.00
51	Chicago & Northwestern Ry. Co., Common.....	3,190.69
126	Electric Bond & Share Securities Corp.....	.....
126	General Electric Co., Common	27,720.00
126	General Electric Co., Special	1,260.00
56	Illinois Central RR. Co., Capital.....	5,441.53
144	Pennsylvania RR. Co., Capital, Par \$50.....	4,887.00
88	Pullman Co., Capital	9,636.00
454	Standard Oil Co. of New Jersey, Preferred.....	45,701.91
100	Union Pacific RR. Co., Preferred	6,237.50
250	United States Steel Corp., Preferred.....	27,359.38
38	Western Union Telegraph Co., Capital.....	3,477.00

 \$618,585.63

ROCKEFELLER ENDOWMENT ACCOUNT

Bonds as follows:

\$50,000	Central Pacific Ry. Co., 1st Rfdg. Mtge. 4%, 1949.....	\$43,050.00
50,000	Chic., Bur. & Q. RR. Co., 1st & Rfdg. Mtge. Series A, 5%, 1971	49,322.50
50,000	Lake Shore & Michigan Southern Ry. Co., 4%, 1931....	45,915.50
50,000	Liggett & Myers Tobacco Co., Gold 5%, 1951.....	48,243.75
25,000	P. Lorillard Co., Gold 5%, 1951	24,037.50
50,000	New England Tel. & Tel. Co., 1st Mtge. Series A, 5%, 1952	48,735.00
40,000	New York Central RR. Co., Cons. Mtge. Series A, 4%, 1998	32,015.00
50,000	New York Central RR. Co., Rfdg. & Imp. Series C, 5%, 2013	47,562.50
50,000	N. Y. Tel. Co., 1st & Gen. Mtge. Skg. Fd. 4½%, 1939...	46,787.50
50,000	Union Pacific RR. Co., 1st RR. & Land Grant 4%, 1947...	45,693.75
50,000	United States Steel Corp., 10/60 yr. Skg. Fd. 5%, 1963...	51,075.00
18,000	Western Union Tel. Co., Fdg. & Real Est. 4½%, 1950...	16,899.50

Stocks as follows:

shares		
5	American Tobacco Co., Preferred.....	543.13
		<hr/>
		\$499,880.63

GEORGE F. BAKER ENDOWMENT ACCOUNT

Bonds as follows:

\$50,000	National Tube Co., 1st Mtge. 5%, 1952.....	\$49,899.75
50,000	Pennsylvania RR. C., Gen. Mtge. Series B, 5%, 1968....	50,012.50
		<hr/>
		\$99,912.25

Special Endowment Fund

CADWALADER ANIMAL ENDOWMENT ACCOUNT

\$20,000	Illinois Central RR. & Chicago, St. Louis & New Orleans RR. Co. Jt., 1st Rfdg. Mtge. Series A, 5% Bonds, 1963..	\$20,000.00
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FLORENCE LYDIG STURGIS ACCOUNT

\$10,000	American Tel. & Tel. Co., Skg. Fd. 5½%, 1943.....	\$9,987.50
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STOKES BIRD ENDOWMENT ACCOUNT

\$5,000	Illinois Central RR. Co., Rfdg. Mtge. 4% Bonds, 1955....	\$5,056.46
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CARNEGIE PENSION ENDOWMENT ACCOUNT

Bonds as follows:

\$25,000	Chicago & Northwestern Ry. Co., Gen. Mtge. 4%, 1987..	\$23,687.50
25,000	Illinois Central RR. Co., Rfdg. Mtge. 4%, 1955.....	23,062.50
25,000	Lehigh Coal & Nav. Co., Cons. Mtge. Skg. Fd. Series A, 4½%, 1954	24,875.00
1,000	Michigan Central RR. Co., Gold 3½%, 1952	817.50
5,000	Morris & Essex RR. Co., 1st Rfdg. Mtge. 3½%, 2000.....	4,373.75
25,000	Philadelphia & Baltimore Central RR. Co., 1st Mtge. 4%, 1951	23,250.00
		<hr/>
		\$100,066.25

PENSION FUND INCOME ACCOUNT

Uninvested balance as of December 31, 1924:

Deposited with The Farmers' Loan & Trust Co...	\$2,485.60	
Deposited with the Corn Exchange Bank	414.17	\$2,899.77

Investments at Cost 108,646.75

RECEIPTS

Interest on Bank Balances	\$96.48	\$111,546.52
Interest on Bond Investments	5,147.08	
Dues collected from Zoological Society Employees...	4,115.30	\$9,358.86

Contributed by the N. Y. Zoological Society:

Income from Carnegie Endowment	\$4,335.00	
General Income Fund (transfer)	3,665.00	8,000.00

EXPENDITURES

Refund of dues, with accrued interest a/c Death of Members	\$452.55	
Refund of dues, with accrued interest to resigning Members	142.88	
Physical Examinations	40.00	
Clerical Services	300.00	
Pension Payments	3,591.10	
Special allowance a/c pension	10.00	\$4,536.53

Investments at Cost:

\$2,000 N. Y. C. R. R. (Lake Shore Col.) 1998 3½% Bonds	\$1,300.00	
\$3,000 Union Pacific RR., first 1947 4% Bonds.....	2,486.25	
\$5,000 Twenty-third St. Ry. Co. Imp. & Ref. 1926 5% Bonds	4,825.00	
\$5,000 M. S. S. M. & Atlantic Ry., first 1962 4% Bonds	4,868.75	
\$5,000 Oregon Short Line Ry., 1946 5% Bonds.....	4,945.00	
\$6,000 B. & O. R. R. Co., first 1948 4% Bonds.....	4,680.00	
\$6,000 Buffalo General Electric, first 1939 5% Ref. Bonds	5,640.00	
\$7,000 Chic., Milwaukee & St. Paul Ry. Co., 1932 4½% Bonds	5,368.75	
\$12,000 C. B. & Q. RR., Ill. Divn., 1949 3½% Bonds..	9,462.00	
\$12,000 Detroit Edison, 1949 5% Ref. Bonds	11,914.00	
\$13,000 B. & O. (P. L. E. & W. Va.) RR., 1941 4% Ref. Bonds	10,506.25	
\$17,000 I. C. & St. L. & N. O. RR. Co., Joint 1963 5% Bonds	16,838.00	
\$19,000 Michigan Cent. RR., first 1952 3½% Bonds..	15,416.00	
\$25,000 Liggett & Myers Tobacco Co., 1951 5% Bonds	24,455.00	\$122,705.00

Uninvested balance, December 31, 1925:

Deposited with The Farmers' Loan & Trust Co...	\$1,370.91	
Deposited with the Corn Exchange Bank (Bronx)	292.94	1,663.85

H. R. MITCHELL,

Asst. to Treasurer in Charge of Pensions.

January 1, 1926.

CORNELIUS R. AGNEW,
Treasurer.

\$128,905.38

PEAT, MARWICK, MITCHELL & CO.

ACCOUNTANTS AND AUDITORS

40 EXCHANGE PLACE

NEW YORK, N. Y.

Certificate of Auditors

We have audited the books and accounts of the New York Zoological Society and of the "Pension Fund Income Account" for the year ended December 31, 1925, and certify that the foregoing schedules are in accordance with the books, and that, in our opinion, they correctly record the transactions relating to the funds of the Society and the Pension Fund Income Account for the year 1925, and the condition of the funds as at December 31, 1925.

The subscriptions, donations and dues reported as received, and the income from investments have been properly accounted for, and the securities and cash on hand at December 31, 1925, as shown in the accounts of the funds presented herewith, have been checked and found in order. Satisfactory vouchers have been produced for the expenditures.

New York, N. Y.,
March 25, 1926.

PEAT, MARWICK, MITCHELL & Co.

Report of the Auditing Committee

OF THE

NEW YORK ZOOLOGICAL SOCIETY

To the President and Board of Managers
of the New York Zoological Society:

Dear Sirs:

We beg to report that we have examined the annual audit of the books and accounts of the New York Zoological Society for the year ended December 31, 1925, made by Messrs. Peat, Marwick, Mitchell & Co., Inc., Certified Accountants, and herewith submit the same to you as a complete and satisfactory audit of said books and accounts, including the General Fund, the Carnegie Pension Fund, the Rockefeller, Baker, Sturgis, Cadwalader and Stokes Funds and the Pension Fund Income Account, it appearing that all expenditures and receipts of the various accounts are fully set forth therein, that the cash on hand with the various depositories has been verified and found correct, and that all securities in which the funds of the Society are invested have been examined and found as reported.

Expenditures made through the Park Department of the City of New York have not been verified by this audit as such moneys have not passed through the hands of the Society but will in due course be checked and verified by the Comptroller of this city.

Respectfully submitted,

WILLIAM W. NILES, *Chairman.*

W. REDMOND CROSS.

GEORGE C. CLARK, JR.

May 1, 1926.

SUBSCRIPTIONS TO THE ENDOWMENT FUNDS OF THE
NEW YORK ZOOLOGICAL SOCIETY

GENERAL ENDOWMENT ACCOUNT

Mrs. Frederick F. Thompson	\$55,000.00
E. C. Converse	50,000.00
Jacob H. Schiff	50,000.00
Edwin Gould	25,000.00
Maria DeWitt Jesup	25,000.00
George F. Baker	25,000.00
Cleveland H. Dodge	25,000.00
Samuel Thorne	25,000.00
Watson B. Dickerman	20,000.00
J. P. Morgan	20,000.00
Lispenard Stewart	12,500.00
Frank W. Kitching	10,329.16
Edward S. Harkness	10,000.00
James J. Hill	10,000.00
Henry Iden	10,000.00
Ogden Mills	10,000.00
Levi P. Morton	10,000.00
Percy R. Pyne	10,000.00
Charles E. Rhinelanders	10,000.00
John D. Rockefeller, Jr.	10,000.00
Edward Russ	10,000.00
Phoebe Anna Thorne	10,000.00
C. F. Dieterich	6,000.00
Mortimer L. Schiff	6,000.00
Abram G. Nesbitt	5,500.00
John D. Archbold	5,000.00
Samuel P. Avery	5,000.00
Frederick G. Bourne	5,000.00
Robert S. Brewster	5,000.00
John L. Cadwalader	5,000.00
Andrew Carnegie	5,000.00
Hugh J. Chisholm	5,000.00
George C. Clark	5,000.00
George J. Gould	5,000.00
Archer M. Huntington	5,000.00
George W. Perkins	5,000.00
Nelson Robinson	5,000.00
F. K. Sturgis	5,000.00
Henry A. C. Taylor	5,000.00
Emily Trevor	5,000.00
Serena Rhinelanders	2,500.00
Grant B. Schley	2,500.00
Mrs. Ethel R. Thayer	2,000.00
Mrs. Finley J. Shepard	1,325.00
Dr. Walter B. James	1,000.00
Emma C. Jones	1,000.00
Jacob Langeloth	1,000.00
John A. Roebeling	1,000.00
F. Augustus Schermerhorn	1,000.00
<i>Carried Forward</i>	<hr/> \$548,654.16

<i>Brought Forward</i>	\$532,654.16
Louis J. Boury	800.00
Oswald W. Uhl	800.00
C. N. Bliss	500.00
Dr. John F. Erdmann	500.00
John J. Pierpont	250.00
H. C. von Post	250.00
Through Ladies' Auxiliary	3,355.00
Life Memberships and Various Subscriptions	39,886.38
Profit on Sale of Bonds	724.81
	<hr/>
	\$595,720.35

SAGE ENDOWMENT ACCOUNT

Margaret Olivia Sage	\$726,318.87
Profit on Sale of Securities	30,329.75
Stock dividend	1,260.00
	<hr/>
	\$757,908.62
Transfer to Sage Construction Account	\$102,060.26
Transfers to Heads and Horns Building Account....	37,226.32
	<hr/>
Balance, December 31, 1924	\$618,622.04

ROCKEFELLER ENDOWMENT ACCOUNT

John D. Rockefeller, Jr.	\$500,000.00
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GEORGE F. BAKER ENDOWMENT ACCOUNT

George F. Baker	\$100,000.00
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Special Endowment Fund

Andrew Carnegie (Pension)	\$100,000.00
John L. Cadwalader (Animal)	20,000.00
Florence Lydig Sturgis (Bird)	10,000.00
Caroline Phelps Stokes (Bird)	5,000.00

December 31, 1925.

CONTRIBUTIONS TO SPECIAL FUNDS OF THE NEW YORK ZOOLOGICAL SOCIETY

Includes all contributions of \$5,000 and over, and donations
to the original Park Improvement Fund of \$250,000.00

Harrison Williams	\$146,439.53
Andrew Carnegie	31,000.00
Jacob H. Schiff	22,300.00
George F. Baker	21,500.00
Samuel Thorne	18,950.00
Mortimer L. Schiff	17,640.00
George J. Gould	15,300.00
George D. Pratt	15,000.00
John D. Rockefeller	15,000.00
Cleveland H. Dodge	14,625.00
E. C. Converse	14,000.00
Edward S. Harkness	13,500.00
Percy R. Pyne	11,950.00
John D. Archbold	10,100.00
Vincent Astor	10,000.00
Mrs. Andrew Carnegie	10,000.00
Clarence Dillon	10,000.00
Marshall Field	10,000.00
Mrs. Frederick F. Thompson	10,000.00
Anthony R. Kuser	10,700.00
Robert S. Brewster	10,500.00
Lispenard Stewart	10,250.00
William Rockefeller	9,000.00
Levi P. Morton	8,500.00
Charles F. Dieterich	8,300.00
Charles T. Barney	7,500.00
F. Augustus Schermerhorn	7,500.00
Cornelius Vanderbilt	7,500.00
C. Ledyard Blair	6,750.00
A. Barton Hepburn	6,500.00
Mrs. Finley J. Shepard	6,400.00
John Cadwalader	6,200.00
Oliver H. Payne	6,000.00
Henry A. C. Taylor	6,000.00
William K. Vanderbilt	6,000.00
William C. Whitney	6,000.00
Nelson Robinson	5,900.00
John S. Barnes	5,750.00
Frederick G. Bourne	5,500.00
J. P. Morgan	5,500.00
Emerson McMillan	5,280.00
Oswald Ottendorfer	5,250.00
William D. Sloane	5,250.00
Edward J. Berwind	5,000.00
William E. Dodge	5,000.00
Robert Goelet	5,000.00
C. P. Huntington	5,000.00
Mrs. John B. Trevor	5,000.00
Mrs. Antoinette E. Wood	5,000.00

\$615,334.53

LIST OF ACCESSIONS BY THE
New York Zoological Society

AT THE ZOOLOGICAL PARK

1925

BY GIFT.

- ANDREWS, ROY CHAPMAN, New York City:
Hooded Vulture.
- ATWELL, G., Mt. Vernon, N. Y.:
Woodchuck.
- AYERS, MRS. CHARLES H., Bloomfield, N. J.:
African Gray Parrot.
- BAIER, DAVID, New York City:
Alligators (4 specimens).
- BANANA SALES CORPORATION, New York City:
Iguana.
- BARR, ANDREW G., New York City:
African Leopard Cub.
- BEACH, REX, Ardsley-on-Hudson, N. Y.:
Black Bear Cub.
- BEINECKE, EDWIN J., New York City:
European Jackdaw.
- BENKARD, H. H., New York City:
South American Lizards (4 specimens).
- BENNET, RICHARD, New York City:
Timber Rattlesnake.
- BERKITZ, B., New York City:
Desert Tortoise (2 specimens).
- BINNEY, MRS. EDWIN, Sound Beach, Conn.:
White-Faced Sapajou Monkey.
- BOARDMAN, K., New York City:
American Crow.
- BOYCE, WALTER C., Yonkers, N. Y.:
Ring-Necked Pheasants (5 specimens).
- BRANNE, JOHN S., Mt. Vernon, N. Y.:
Gray Squirrel.
- BROWER, MISS L. D., Plainfield, N. J.:
Green-Billed Toucan.
- BROWN, F. W., New York City:
Hog-Nosed Snakes (2 specimens).
- BURLINGAME, MRS. GEORGE, Scarsdale, N. Y.:
Alligator.
- BURNETT, H., Port Jervis, N. Y.:
1 Mink, 1 Cumberland Turtle, 1 Box Tortoise, 1 Blacksnake. Total, 4 specimens.
- CARACCILOLO, H., Port-of-Spain, Trinidad:
Ocelot.
- CARNWRIGHT, GEORGE F., Red Hook, N. Y.:
Great Horned Owl.

- CASTIGAN, MRS. S. A., City Island, N. Y.:
Undulated Grass Parrakeets (2 specimens).
- CHURCHILL, PAUL C., Danbury, Conn.:
Pilot Rattlesnake.
- CLARK, MRS. ROY CONNOR, Larchmont, N. Y.:
2 Paradise Whydahs, 1 European Goldfinch, 1 Goldfinch-Canary Hybrid,
1 Green Singing Finch, 2 Red-Billed Hill-Tits, 2 Grenadier Weavers.
Total, 9 specimens.
- CLEGG, A. E., New York City:
Indian Rock Pythons (2 specimens).
- COLDON, FREDERICK J., Lodi, N. J.:
Alligator.
- COLLINS, E. P., New York City:
Undulated Grass Parrakeets (2 specimens).
- COSTAIN, ERNEST A., Scarsdale, N. Y.:
Opossums (2 specimens).
- COUGHLAN, AUGUSTUS J., St. Huberts P. O., N. Y.:
Black Bear Cubs (2 specimens).
- CRAMER, C. WILLIAM, Morgantown, W. Va.:
Copperhead Snake.
- CROCKER LABORATORY, Columbia University, New York City:
4,582 White Rats, 1,500 White Mice.
- CROCKETT, A. B., West Hoboken, N. J.:
Yellow-Faced Conures (2 specimens).
- DICKEY, DR. H. S., Newburgh, N. Y.:
1 Salvin Razor-Billed Curassow, 1 Fulvous Tree Duck.
- DORNBRIERER, JOHN, Jersey City, N. J.:
Red-and-Blue Macaw.
- DREYFUSS, J. C., Mt. Vernon, N. Y.:
Patagonian Parrakeet.
- DRISCOLL, INNIS, East Orange, N. J.:
Raccoon.
- EDGAR, MRS. MARGARET, White Plains, N. Y.:
Raccoon.
- EDWARDS, MRS. W. H., Fairhope, Alabama:
Ground Rattlesnake.
- FAGAN, CHARLES L., Rahway, N. J.:
1 Talamanca Jay, 1 Rufous-Necked Weaver, 1 Patagonian Red-Breasted
Blackbird, 2 Orchard Finches, 1 Yellow-Breasted Grosbeak, 1 Brambling,
1 Spice Finch, 1 Duca Finch, 1 Chilian Skua, 1 Gray-Headed Kingbird,
1 Gay's Finch, 2 Peruvian Stone Plovers, 2 Green Cardinals, 2 Black-
Winged Doves, 1 Gray Seedeater, 1 Purple Gallinule. Total, 20 specimens.
- FENNO, H. B., Boston, Mass.:
1 South American Boa, 2 Corn Snakes, 2 King Snakes, 1 Hog-Nosed Snake.
Total, 6 specimens.
- FIERMONTE, NICHOLAS, New York City:
Raccoon.
- FINLEY, VINCENT, Rockville, Conn.:
Copperhead Snakes (15 specimens).
- FISCHESSER, L. C., Passaic, N. J.:
3 Zebra Finches, 2 Cut-Throat Finches, 4 Strawberry Finches, 2 Spice
Finches, 1 Saffron Finch, 1 Lavender Finch, 1 Fire Finch, 1 Masked Grass
Finch, 2 Paradise Whydahs, 2 Three-Colored Mannikins, 3 Bronze Manni-
kins, 2 Orange-Checked Waxbills, 2 Common Waxbills, 2 African Silver-
Bills, 1 Blue-Black Grassquit, 1 Orange Weaver, 1 Red-Crested Cardinal,

- 2 Gray Java Sparrows, 2 Yellow Grass Parakeets, 2 Green Grass Parakeets. Total, 39 specimens.
- FISCHESSER, MRS. L. C., Passaic, N. J.:
Kinkajou.
- FISHER, BUD, New York City:
South American Cavey.
- FISHER, MRS. ROBERT, Ossining, N. Y.:
Tovi Parakeets (2 specimens).
- FREDENBERG, HENRY, New York City:
Canary.
- FREES, C. W., New York City:
Opossum and litter of young.
- FRY, MRS. W. H., Rocky Point, L. I., N. Y.:
Raccoons (2 specimens).
- GIFFORD, E. W., Oakland, Calif.:
Grayson Mourning Dove.
- GILBERT, WILMER R., Long Island City, N. Y.:
Alligators (3 specimens).
- GILLESPIE, MRS. J., Brooklyn, N. Y.:
Cayenne Wood Rail.
- GREENSTEIN, SAMUEL, New York City:
American Sparrow Hawks (4 specimens).
- GRINNELL, G. H., Los Angeles, Calif.:
Scarlet King Snake.
- GRUEBE, FRED, Brooklyn, N. Y.:
Rhesus Monkey.
- HAMILTON, WILLIAM, JR., Flushing, L. I., N. Y.:
Pilot Blacksnake.
- HANAMAN, MISS R. L., New York City:
Kinkajou.
- HARRAS, FRED, New Rochelle, N. Y.:
Alligators (2 specimens).
- HAZARIAN, ARTIN, New York City:
Red Fox.
- HERING, MISS DOROTHEA, New York City:
St. Helena Waxbill.
- HIGH SCHOOL OF COMMERCE, New York City:
Screech Owl.
- HILL, HERBERT R., Concord, N. H.:
Hercules Beetles (4 specimens).
- HOFFMAN, NICOLA, New York City:
Chaffinches (2 specimens).
- HOLMES, C. R., New York City:
Jambu Fruit Pigeons (2 specimens).
- HOPKINS, MRS. ALVIN R., Elizabeth, N. J.:
Hooded Sapajou Monkey.
- HOUSTON ZOOLOGICAL GARDENS, Houston, Texas:
Mud Snake.
- HOYT, MRS. FLORENCE, New York City:
Mongoose Lemur.
- HUMBLE, MISS DOREEN, New York City:
Gray Lemur.
- HURD, MISS HELEN, New York City:
Green Love Bird.
- JAZO, MISS JULIA, New York City:
Whippoorwill.

- KALMUS, MISS BELLE, New York City:
Domestic White Rabbit.
- KEEFE, ANSELM M., Woods Hole, Mass.:
Snake (*Coluber obsoletus confinis*).
- LANDFIELD, MRS. W. C., Englewood, N. J.:
1 Ring-Tailed Sapajou Monkey, 1 Java Monkey.
- LANG, HARRY, New York City:
White-Faced Sapajou Monkey.
- LAWLER, MRS. MARY STUART, New York City:
Zebra Finch.
- LAZARMICK, MRS. N., New York City:
1 Stump-Tailed Lizard, 1 Spiney Lizard.
- LEISENHEIMER, HARRY, New York City:
Alligator.
- LEONARD, ROBERT J., Pelham Manor, N. Y.:
Mearns Coyote Pups (2 specimens).
- LEVY, FRANK, New York City:
American Egrets (2 specimens).
- LEVY, WILLIAM A., New York City:
Santo Domingo Amazon Parrots (2 specimens).
- LEWISOHN, MRS., New York City:
Hooded Sapajou Monkey.
- LIMEKILLER, F., Brooklyn, N. Y.:
American Crow.
- LOEDING, H. P., Brooklyn, N. Y.:
Black Bull Snake.
- MCDONALD, PHILIP B., New York City:
Skylark.
- MADERIA, MRS. A. J., Queens Village, L. I., N. Y.:
Cuban Amazon Parrot.
- MANGER, JULIUS, Pelham Manor, N. Y.:
Weeper Sapajou Monkeys (2 specimens).
- MANTNER, MRS. MARION, New York City:
Gray Parrot.
- MARAN, MRS. GINA, Buenos Aires, Argentina:
Gray Fox.
- MARX, GEORGE, Corona, L. I., N. Y.:
Alligator.
- MASON, WILLIAM PIT, JR., New York City:
Alligator.
- MATTHEWS, A. C., New York City:
Blue Jay.
- MAYER, MRS. FREDERICK, Brooklyn, N. Y.:
Alligator.
- MILLER, CHARLES, New York City:
Amazonian Tiger Bittern.
- MILLIKEN, S. M., Rye, N. Y.:
Marmoset.
- MILNE, GEORGE, Astoria, L. I., N. Y.:
Great Blue Heron.
- MITCHELL, A. J., New York City:
Desert Tortoise.
- MONAHAN, LIEUT., New York City:
Opossum.
- MONTELEONE, VERGILIO, New York City:
Ring-Necked Pheasant.

MOULTON, MISS M. T., New York City:

2 Bleeding-Heart Pigeons, 3 White Turtle Doves.

MURPHY, ROBERT CUSHMAN, New York City:

Galapagos Tortoise.

NELSON, MRS. VIRGINIA P., New York City:

Screech Owl.

NEW YORK STATE CONSERVATION COMMISSION, Albany, N. Y.:

Young Bald Eagle.

OSBORN, HENRY FAIRFIELD, JR., New York City:

Peacock Pheasant.

PARDOE, DR. J. B., Bound Brook, N. J.:

1 Screech Owl, 1 Horned Lizard.

PARK, BURTON, White Plains, N. Y.:

Pilot Blacksnake.

PAUL, JOHN GILE, Watertown, Fla.:

5 Roseate Cockatoos, 2 Golden-Crowned Conures, 1 Ring-Necked Parakeet, 1 Cockatiel, 1 Pennant Parakeet. Total, 10 specimens.

PETTIT, P. C., New York City:

Common Troupial.

PFITSCH, KARL, New Rochelle, N. Y.:

Black Bear Cub.

PHIPPS, HENRY C., Rye, N. Y.:

Sooty Mangabey.

PIATTI, DR. VIRGIL C., Fort Myers, Fla.:

1 Coral Snake, 1 Corn Snake, 2 Diamond-Back Rattlesnakes. Total 4 specimens.

PRESCOTT, RAYMOND, New York City:

White-Nosed Coati Mundi.

PULLEN, CHARLES D., Kent Cliffs, N. Y.:

Copperhead Snake.

REED, J. S., New York City:

Barn Owl.

ROBERTSON, L. J., New York City:

Red-and-Blue Macaw.

ROSEDALE DAIRY COMPANY, New Berlin, Pa.:

Screech Owl.

ROSS, MRS. JOSEPHINE, Scarsdale, N. Y.:

Chinese Goose.

RUFF, FRED, New York City:

Great Horned Owl.

SADDLEMIRE, MISS LULU, Brooklyn, N. Y.:

Cotton-headed Marmoset.

SATTERLEE, MISS MABEL, New York City:

1 Red-Crested Cardinal, 1 Golden-Fronted Green Bulbul.

SCALLON, MASTER BILLIE, New York City:

Southern Silver-Beak Tanager.

SCHILLING, MRS. LOUISE, New York City:

Red-Headed Conure.

SCHLESIER, KENNETH, Glen Ridge, N. J.:

Timber Rattlesnake.

SCHOENBERG, MRS. E., New York City:

Lesser Hill Myna.

SCHOFFER, MRS. A., New York City:

1 Rhesus Monkey, 1 Kinajou.

- SEARS, A. K., Hoboken, N. J.:
Golden Agouti.
- SMITH, HON. ALFRED E., Albany, N. Y.:
3 Black Bear Cubs, 1 Raccoon, 1 Green Monkey. Total, 5 specimens.
- SMITH, R. A., Sheffield, Mass.:
Banded Rattlesnake.
- SOUTHWELL, VERA, New Rochelle, N. Y.:
Alligators (2 specimens).
- STEINSON, H., New York City:
Red-and-Blue Macaw.
- STERIZOL COMPANY, Ossining, N. Y.:
White-Throated Sapajou.
- STUTSMAN, FRANK V., Twin Lakes, Pa.:
5 Timber Rattlesnakes, 1 Pilot Blacksnake.
- SUMNER, MRS. GRAHAM, Englewood, N. J.:
2 Red-Billed Masked Weavers, 7 Zebra Finches, 2 Java Sparrows, 1 Giant
Whydah, 1 Grenadier Weaver, 1 Red-Crested Cardinal, 1 Rufous-Necked
Weaver. Total, 15 Specimens.
- SWINBURNE, MISS MARY, East Orange, N. J.:
Indian Ring-Necked Pheasant.
- THAYER, GERALD H., Kingston, St. Vincent, B. W. I.:
St. Vincent Barn Owl.
- THOMSON, E., Newark, N. J.:
Alligator.
- TOFANO, F., New York City:
Golden Eagle.
- TOMASHEK, FRANK, New York City:
Canary.
- TOTTON, JOSEPH O., Boonton, N. J.:
Green Monkey.
- TOWNSEND, CAPTAIN EDWARD, White Plains, N. Y.:
1 Banded Rattlesnake, 1 Copperhead Snake.
- TRAPHAGEN, M. E., Brooklyn, N. Y.:
Snapping Turtle.
- TRIMPI, R. W., South Orange, N. J.:
1 King Snake, 2 Corn Snakes, 1 Chicken Snake, 1 Water Snake, 4 Garter
Snakes, 4 Ribbon Snakes. Total, 13 specimens.
- UNIVERSITY OF ARIZONA, Tucson, Arizona:
Box Tortoise.
- VACCARELLI, F. P. A., New York City:
Screech Owl.
- VANDER SMISSEN, DR. GILBERT K., New York City:
Timber Rattlesnake.
- WAGNER, F., Brooklyn, N. Y.:
Long-Eared Owl.
- WALKER, LOUIS, Douglastown, L. I., N. Y.:
1 Virginia Rail, 1 Screech Owl.
- WASHINGTON, GEORGE, Brooklyn, N. Y.:
Jamba Fruit Pigeon.
- WEBER, LEONARD, Jersey City, N. J.:
Barn Owl.
- WEISS & SONS, New York City:
Saw-Whet Owl.
- WILLIAMS, A. B., Ridgewood, N. J.:
Troupials (2 specimens).

- WILSON, MASTER S. E., Mt. Vernon, N. Y.:
African Chameleon.
- WOOD, FREDERICK, Freeport, L. I., N. Y.:
White-Throated Sapajou Monkey.
- YARA, MRS. AUGUSTE, New York City:
Hedgehog.
- YARUSSO, ALBERT, New York City:
Opossum.
- YERSTER, DR. J. C. A., New York City:
Canada Porcupine.
- ZACHARY, MRS., New York City:
Kinkajou.
- ZIEGFELD, MISS PATRICIA, Hastings-on-Hudson, N. Y.:
Raccoons (2 specimens).

Library

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- ASSOCIATED MOUNTAINEERING CLUBS OF NORTH AMERICA, through LEROY JEFFERS,
Secretary, New York City:
Peaks of Shalla, by Rose Wilder Lane.
Field Book of Birds of the Southwestern United States, by Luther E.
Wyman and Elizabeth F. Burnell.
On the Roof of the Rockies, by Lewis R. Freeman.
- BOARDMAN, W. B., Minneapolis, Minn.:
A Naturalist of the St. Croix, by Samuel Lane Boardman.
- CARR, WILLIAM H., New York City:
The Kanawahke Naturalist, and various Papers, by William H. Carr.
- HORNADAY, WILLIAM T., New York City:
Camp-Fires on Desert and Lava, by William T. Hornaday.
- HYDE, DR. B. T. B., New York City:
The Zoo at Kanawahke, by William H. Carr.
- PUTNAM'S SONS, G. P., New York City:
Galapagos: World's End, by William Beebe.

National Collection of Heads and Horns

BY GIFT.

- GATES, MISS LENETTA B., New York City:
Hudson Bay Moose (*Alces americanus*). Skull and Antlers.
American Elk (*Cervus Canadensis*). Two pairs of Antlers.
- RUNGIUS, CARL, New York City:
New Brunswick Moose (*Alces americanus*). Antlers.
- WHITE, CAPTAIN HAROLD A., Scarsdale, N. Y.:
Indian Gaur (*Bos gaurus*). Skull and Horns.

BY PURCHASE.

- Schomburgk's Deer (*Cervus schomburgki*). Antlers.

Miscellaneous

- SABETER, MISS THELMA, New York City:
Wren Houses (12 specimens).

LIST OF ACCESSIONS BY THE
New York Zoological Society

AT THE AQUARIUM

1925

BY GIFT.

- AMMARELL, WILLIAM L., Brooklyn, N. Y.:
Snapping Turtle.
- AVASSO, ALFRED, Brighton Beach, N. Y.:
Sea Horse.
- BABBITT, C. S., New Brighton, S. I., N. Y.:
Four-foot Alligator.
- BARLOW, MISS F., Astoria, L. I., N. Y.:
Young Alligator.
- BELLOWS, DONALD, Ft. Myers, Fla.:
2 Young Alligators.
- BENNETT, W., New York City:
2 Moor Telescope Goldfish.
- BEVINGTON, F. C., Norwich, Conn.:
99 Rare Oyster Shells.
- BINGHAM, HARRY PAYNE, New York City:
1 Spike-tailed Eel, 4 Conies, 8 Iguanas. Total, 13 specimens.
- BLEEKER, MRS. L., Brooklyn, N. Y.:
Young Alligator.
- BRANCH, MASTER ERVING, Glenbrook, Conn.:
Painted Turtle.
- BROWN, C. E., St. Petersburg, Fla.:
Le Seuer's Terrapin.
- CAHN, H., New York City:
Young Alligator.
- CARDEZA, T., New York City:
Young Alligator.
- CARROL, BROOKS, Brooklyn, N. Y.:
Sea Horse.
- CHARLES, J. W., Surrey, England:
2 East African Turtles.
- COBB, PROF. J. N., Seattle, Wash.:
16 Crayfish.
- DARVELL, MISS A., Bayonne, N. J.:
Young Alligator.
- DONOVAN, HAROLD V., Brooklyn, N. Y.:
Young Alligator.
- DOUGHTY, MASTERS NORMAN and MERVIN, Inwood, L. I., N. Y.:
3 Sea Horses
- ENGESSER, WILLIAM, New York City:
Young Alligator.

- FRAZER, MR., Ontario, Canada:
Large-mouthed Black Bass.
- GAREE, MRS. C. R., Montclair, N. J.:
Young Alligator.
- GARGA, LOUIS, New York City:
Young Alligator.
- GERTIG, MRS. A., Jersey City, N. J.:
Young Alligator.
- GROOBIN, EMANUEL, New York City:
2 Painted Turtles.
- HAINES, H., Port Richmond, S. I., N. Y.:
Spotted Turtle.
- HELMEL, Frank, Hoboken, N. J.:
Young Alligator.
- HODGER, MASTER STEPHEN, Arlington, N. J.:
Sea Horse.
- HOFFMAN, AARON, New York City:
Pond Turtle.
- HOWELL, MISS E., New York City:
Wood Turtle.
- INDUSTRIOUS, I., New York City:
Painted Turtle.
- IOVICH, CAPTAIN PETER, Hoboken, N. J.:
Sea Horse.
- JAHNY, E. H., New York City:
Three-foot Alligator.
- JOLSON, AL, New York City:
Young Alligator.
- KARR, E. J., Chatham, N. J.:
Young Alligator.
- KAWACHI, CASIMIA, New York City:
Painted Turtle.
- KELLY, MRS. WINIFRED, New York City:
Young Alligator.
- KOCH, WILLIAM F., Brooklyn, N. Y.:
Young Alligator.
- KOHLER, A., Oswego, N. Y.:
Grass Snake.
- KRISCHER, MEYER, Brooklyn, N. Y.:
Wood Turtle.
- KUNKLE, MISS, Ocean Breeze, S. I., N. Y.:
Sea Horse.
- LARSEN, HERBERT AXEL, Brooklyn, N. Y.:
Sea Horse.
- LEWIS, GEORGE, Cedar Key, Fla.:
2 Brown Pelicans, 1 three-hundred-pound Loggerhead Turtle. Total, 3 specimens.
- LITTLE, GEORGE R., New York City:
Young Alligator.
- MANACO, S. L., Brooklyn, N. Y.:
2 Painted Turtles.
- MANN, RUBAND, Brooklyn, N. Y.:
Young Alligator.

- MICHAELS Co., J. H., New York City:
Blue Lobster.
- MISCH, JOHN D., New York City:
Wood Turtle.
- NICHOLS, THOMAS B., New York City:
Young Alligator.
- O'GARR, WILLIAM, New York City:
Young Alligator.
- PEPE, MR., New York City:
Two and one-half foot Alligator.
- PERRINE, MISS HENRIETTA, East Orange, N. J.:
Young Alligator.
- PFRSICK, C. L., North Pelham, N. Y.:
Young Sturgeon.
- PHILLIPS, EDWARD, Glenbrook, Conn.:
5 Painted Turtles.
- PHILLIPS, MRS. LAURA L., New York City:
2 Mud Puppies.
- PULIS, J. MYRON, Warwick, N. Y.:
Box Turtle.
- PULVER, A. L., Brooklyn, N. Y.:
Box Turtle and Slider.
- RANFELDT, CHARLES J., Brooklyn, N. Y.:
2 Young Alligators.
- ROE, MISS EDNA, Brooklyn, N. Y.:
Young Butterfly Fish.
- RUDEN, WILLIAM G., Jamaica, L. I., N. Y.:
2 Young Alligators.
- RUSSO, AREST, Brooklyn, N. Y.:
Double-clawed Lobster.
- SCHNEIDER, F. A., New York City:
3 Diamond-backed Terrapins.
- SEAMAN, MISS MARGRET B., New Brighton, S. I., N. Y.:
Young Alligator.
- SHELDON, MISS ETHEL, North Stonington, Conn.:
Young Alligator.
- SIMMONS, JOHN, New York City:
Snapping Turtle.
- SKOLLE, H., New York City:
Young Alligator.
- SMITH, MISS ANNE, Brighton Heights, S. I., N. Y.:
Young Alligator.
- SPEULMAN, LEWIS, New York City:
Young Crocodile (East Indian).
- TOWNSEND, DR. C. H., Mamaroneck, N. Y.:
Box of Ferns.
- VETTER, FRED, Brooklyn, N. Y.:
Snapping Turtle.
- WAMSLEY, THOMAS, Brooklyn, N. Y.:
Young Alligator.
- WEIDIG, G. C., New York City:
2 Goldfish, 2 Carp, 4 Common Roach. Total, 8 specimens.

WHITE, P. H., Brooklyn, N. Y.:

1 Young Moonfish, 1 Young Crab-eater. Total, 2 specimens.

ZAENGLE, MISS C. F., Brooklyn, N. Y.:

Painted Turtle.

ZIMMERMANN, GEZA DANIEL, Astoria, L. I., N. Y.:

Florida Chameleon.

SPECIMENS PURCHASED BY THE SOCIETY.

Fresh Water.—Turtles, 12; Alligators, 2; American Crocodile, 1; Mud Puppies, 12; Scatophagus, 30; Cabomba, 500 sprays.

Salt Water, Local.—Fishes numbering 2,561, representing 66 species, were collected by the well-boat *Seahorse* or purchased from pound nets in the lower New York Bay. In addition there were purchased from the pound nets, 796 invertebrates of 13 species, and 10 sea turtles of 2 species. Diamond back turtles, 6; and Seahorses, 616.

Salt Water, Tropical.—Beau Gregory, 46; Sergeant Major, 56; Porkfish, 196; Toadfish, 6; Blue Angelfish, 29; Hogfish, 29; Black Angelfish, 62; Scamp, 14; French Angelfish, 9; Spadefish, 11; Yellowtail, 21; Tomtate, 15; Filefish, 30; Graysby, 8; Spiny Boxfish, 1; Cowfish, 15; Gray Grunt, 68; Yellow Grunt, 10; White Grunt, 47; Blue Parrot-fish, 9; Butterfly Fish, 8; Mud Parrot-fish, 4; Spot Snapper, 60; Yellow-tailed Snapper, 6; Sheepshead, 17; Gray Snapper, 47; Margatefish, 5; Shark Sucker, 6; Surgeonfish, 1; Sea Catfish, 12; Scotch Porgy, 3; Squirrel Fish, 8; Blue-striped Grunt, 72; Rock Hind, 11; Red Hind, 7; Red Grouper, 43; Nassau Grouper, 16; Jewfish, 3; Rainbow Parrot-fish, 1; Salema, 23; Golden Grunt, 14; Orange Filefish, 1; Mutton Fish, 15; Soap Fish, 2; Queen Angelfish, 2; Bermuda Chub, 8; Queen Triggerfish, 3; Common Triggerfish, 80; Schoolmaster, 31; Dog Snapper, 6; Sailors' Choice, 23; Gag, 14; Black Grouper, 5; Grass Porgy, 4; Porgy, 14; Unicornfish, 1; Sand Perch, 2; Doctorfish, 9; Nurse Shark, 1; Spanish Hogfish, 1; Butter Hamlet, 2; Buffalo Trunk Fish, 1; Ocean Triggerfish, 2; Scorpion Fish, 3; Pinfish, 2; Round Ray, 1; Green Moray, 8; Spotted Moray, 5; Coney, 1; Southern Puffer, 1; Harper's Puffer, 5; Crayfish, 24. Total, 1,367 specimens of 74 species.

The Aquarium Library

BY GIFT.

AMERICAN MUSEUM OF NATURAL HISTORY, New York City:

Natural History, Guide Leaflets, Annual Report.

AQUARIO VASCO DA GAMA, Lisbon, Portugal:

Guide Book.

BIGELOW, DR. EDWARD S., Sound Beach, Conn.:

The Guide to Nature.

BOSTON SOCIETY OF NATURAL HISTORY, Boston, Mass.:

Occasional Papers.

BROOKLYN INSTITUTE OF ARTS AND SCIENCES, Brooklyn, N. Y.:

Annual Report, Museum News, and Quarterly.

CALIFORNIA ACADEMY OF SCIENCES, San Francisco, Calif.:

Proceedings.

CALIFORNIA BOARD OF FISH AND GAME COMMISSIONERS, Sacramento, Calif.:

California Fish and Game.

EGYPTIAN GOVERNMENT, CAIRO, EGYPT:

Report on the Zoological Service for the Year 1923, by Major S. S. Flower.

- FISHING GAZETTE PUBLISHING COMPANY, New York City:
The Fishing Gazette.
- FLOWER, MAJOR S. S., Tring, England:
Contributions to our Knowledge of the Duration of Life in Vertebrate Animals, by Major S. S. Flower. I. *Fishes*, II. *Batrachians*, III. *Reptiles*.
- FOEHL, ARTHUR JR., Philadelphia, Pa.:
 10 numbers of *Bibliothek für Aquarien und Terrarienkunde*.
- LANCASHIRE SEA-FISHERIES LABORATORY, Liverpool, England:
Report for 1924.
- LIVERPOOL MARINE BIOLOGY COMMITTEE, Liverpool, England:
Annual Report, 1924.
- MELLEN, IDA M., New York City:
Book of Views, Leipzig Aquarium.
- NATURAL HISTORY SURVEY OF ILLINOIS, Urbana, Illinois:
Bulletin.
- OHIO STATE UNIVERSITY SCIENTIFIC SOCIETY, Columbus, Ohio:
The Ohio Journal of Science, November, 1925.
- ROOSEVELT WILD LIFE FOREST EXPERIMENT STATION, Syracuse University, Syracuse, N. Y.:
Roosevelt Wild Life Bulletin.
- ROTH, AUGUST M., Baltimore, Md.:
Aquatic Life.
- SANBORN, ELWIN R., New York City.
The Marine Fishes of Panama, by Meek and Hildebrand. Part II.
- SMITHSONIAN INSTITUTION, Washington, D. C.:
Annual Report, 1924.
- TEFFT, MRS. CHARLES E., Staten Island, N. Y.:
 Lantern Slide of Penguin.
- TOWNSEND, CHARLES H., New York City:
Annales L'Institute Oceanographique.
- U. S. BUREAU OF FISHERIES, Washington, D. C.:
Reports, Bulletins, and Circulars.
- U. S. NATIONAL MUSEUM, Washington, D. C.:
Proceedings, Vol. 64 and 65.
The Spider Crabs of America, by Mary J. Rathbun.

BY PURCHASE.

- Vivarium and Aquarium Keeping for Amateurs*, by A. E. Hodge.
The Fish Culturist.

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 BLISS, ROBERT W.,
 BLISS, MRS. ROBERT W.,
 *BLODGETT, WILLIAM TILDON,
 *BOLDT, GEORGE C.,
 BOLE, BENJAMIN PATTERSON,
 *BOND, FRANK S.,
 BOOTH, WILLIAM H.,
 BOURNE, GEORGE G.,
 BOURNE, MISS MARION C.,
 *BOWDOIN, GEORGE S.,
 *BOWDOIN, TEMPLE,
 BOWMAN, JOHN MCE.,
 BRADLEY, JOHN R.,
 BRAMAN, CHESTER A.,
 BREITENBACH, M. J.,
 BREWSTER, FREDERICK F.,
 BRINSMADE, CHARLES LYMAN,
 BROUGHTON, MRS. U. H.,
 BROWN, GEORGE MCKESSON,
 *BRUCE, MISS MATILDA W.,
 BUCH, MISS EMILY,
 BUCKNER, MORTIMER NORTON,
 BULL, MISS DOROTHY,
 BURCHARD, ANSON W.,
 BURDEN, HENRY, 2ND.,
 BURLEIGH, GEORGE W.,
 BURR, WINTHIROP,
 BURRAGE, REAR ADMIRAL GUY H.,
 *BUSHNELL, JOSEPH,
 BUTLER, WILLIAM MILL,
 CALLENDER, WALTER R.,
 *CAMMANN, GEORGE P.,
 *CAMP, HUGH N.,
 *CANFIELD, RICHARD A.,
 CARMICHAEL, CAPT. J. C.,
 CARTER, JAMES WALTER,
 CARY, GUY,
 CAULDWELL, DR. CHARLES MILBANK,
 CERERO, R. L.,
 CHANLER, WINTHIROP,
 CHAPIN, CHARLES MERRILL,
 *CHAPIN, CHESTER W.,
 CHISHOLM, HUGH J., JR.,
 CHRISTOPHER, SAMUEL,
 *CHURCH, E. DWIGHT,
 CHURCH, FREDERICK E.,
 CHURCH, MRS. NELLIE E.,
 CHURCH, WILLARD,
 *CHURCH, WILLIAM CONANT,
 CLARK, F. AMBROSE,
 CLARK, GEORGE C.,
 CLARK, MISS ZELIA T.,
 CLARKSON, BANYER,
 CLOSE, EDWARD B.,
 COE, WILLIAM R.,
 COFFIN, CHARLES A.,
 COLGATE, WILLIAM,
 *COLLIER, ROBERT J.,
 *COLLORD, GEORGE W.,
 *COLLORD, MRS. GEORGE W.,
 *COLT, SAMUEL P.,
 CONDON, THOMAS GERALD,
 CONSTABLE, MRS. FREDERICK A.,
 *CONYNGHAM, WILLIAM L.,
 *COOK, C. T.,
 COOPER, MRS. CHARLES W.,

*DECEASED

- COOPER, MISS ISABEL R.,
 CORMAN, S. WILBUR,
 *CORNING, JOHN J.,
 CORY, DANIEL W.,
 *COXE, DAVIES,
 *CRANE, ZENAS,
 CRANE, Z. MARSHALL,
 *CRIMMINS, JOHN D.,
 CROSS, W. REDMOND
 *CUYLER, C. C.,
 DANA, CHARLES A.,
 *DAVIS, E. W.,
 DAVIS, JOHN W. A.,
 DAVIS, WILLIAM T.,
 *DECOPPET, EDWARD J.,
 DEERING, CHARLES,
 DEFOREST, HENRY W.,
 *DEHEREDIA, C.,
 DELAFIELD, ALBERT,
 DEMILHAU, LOUIS JOHN,
 DERHAM, CHARLES,
 DE WITT, WILLIAM G.,
 DICK, J. HENRY,
 DICKERMAN, DONALD,
 DICKERMAN, MRS. WATSON B.,
 *DICEY, CHARLES D.,
 DIETZ, MRS. C. N.,
 DIMOCK, MRS. HENRY F.,
 DISSTON, HENRY, JR.,
 DITMARS, R. L.,
 DODD, MISS GERTRUDE,
 *DODGE, GEORGE EGGLESTON,
 DODGE, MARCELLUS HARTLEY,
 DOELGER, CHARLES P.,
 DOELGER, PETER,
 DOSCHER, CHARLES,
 DOUGLAS, ARCHIBALD, JR.,
 *DOUGLAS, JAMES,
 DOWD, JOSEPH,
 *DRAPER, MRS. HENRY,
 DRESSLER, OSCAR,
 DUBOIS, MISS ETHEL,
 DUBOIS, MISS KATHARINE,
 *DUBOIS, WILLIAM A.,
 DUGMORE, A. RADCLYFFE,
 DUNHAM, EDWARD K.,
 DUNN, GANO,
 DUNSCOMBE, GEORGE ELLSWORTH,
 DUPONT, MRS. WILLIAM,
 DWYER, THOMAS,
 *EDGAR, NEWBOLD,
 EDGE, MRS. CHARLES NOEL,
 *ELLIOT, SAMUEL,
 ELLIS, W. DIXON,
 ELY, AMBROSE K.,
 EMMET, C. TEMPLE,
 *ENO, AMOS, F.,
 ERDMANN, DR. JOHN F.,
 EVARTS, ALLAN W.,
 *FAIRCHILD, HON. CHARLES S.,
 FARNHAM, PAULDING,
 *FEARING, GEORGE R.,
 *FIELD, CORTLANDT DEPEYSTER,
 FIELD, WILLIAM B. OSGOOD,
 FIELD, MRS. WILLIAM B. OSGOOD,
 FISHER, MRS. HENRY J.,
 FISHER, JOEL ELLIS,
 FLEITMANN, WILLIAM MEDLICOTT,
 FLINT, CHARLES R.,
 FORD, HENRY,
 FOSDICK, RAYMOND B.,
 FOSTER, EUGENE G.,
 FOWLER, A. A.,
 FRASER, MISS S. GRACE,
 *FRENCH, S. BARTON,
 FRERE, HAROLD,
 FRICK, CHILDS,
 FROST, LE ROY,
 FUGUET, HOWARD,
 *GARNER, R. L.,
 GERRY, ELBRIDGE T.,
 GIFFORD, DR. HAROLD,
 GOLDSCHMIDT, S. A.,
 GOODRIDGE, MRS. F. G.,
 *GOODWIN, JAMES J.,
 GOULD, GEORGE H.,
 GRANT, DE FOREST,
 GRINNELL, GEORGE BIRD,
 GUGGENHEIM, DANIEL,
 GUGGENHEIM, S. R.,
 GUNTHER, BERNARD G.,
 GUNTHER, FRANKLIN L.,
 GUTHRIE, WILLIAM D.,
 *HAGENBECK, CARL,
 HAGENBECK, HEINRICH,
 HAGENBECK, LORENZ,
 HAGGIN, LOUIS T.,
 HALLS, WILLIAM, JR.,
 HALSEY, HERBERT DRAKE,
 HAMILTON, PIERPONT MORGAN,
 HARD, ANSON W.,
 HARDING, J. HORACE,
 HARKNESS, MRS. EDWARD S.,
 HARKNESS, MRS. S. V.,
 HARKNESS, MRS. WILLIAM L.,
 HARRAH, CHARLES J.,
 HARRIMAN, MRS. E. H.,
 HARRIS, ALAN C.,
 HARRISON, ARCHIBALD,
 HARRISON, SIR J. B.,

*DECEASED

HART, FRANK,
 HARVEY, ELI,
 HAUPT, DR. LOUIS,
 HAVEMEYER, P. C.,
 HAVEMEYER, THEODORE A.,
 *HAVEN, GEORGE G.,
 *HEARN, GEORGE A.,
 *HENDERSON, CHARLES R.,
 HIGGINSON, JAMES J.,
 *HIGGINSON, JAMES J.,
 HILL, CLARENCE H.,
 *HILL, HUGH,
 HILLS, MRS. JOHN,
 *HINCHMAN, WALTER,
 HITCH, MRS. FREDERICK DELANO,
 *HOE, MISS MARGARET,
 HOE, RICHARD M.,
 HOE, MRS. RICHARD M.,
 HOLMES, C. R.,
 *HOPKINS, GEORGE B.,
 HOPPIN, MRS. JOSEPH CLARK,
 *HOYT, THEODORE R.,
 HUBBARD, JOHN,
 *HUBBARD, THOMAS H.,
 HUNT, RICHARD H.,
 HUNTINGTON, H. E.,
 HUSSEY, FREDERICK,
 HYDE, MRS. CLARENCE M.,
 HYDE, JAMES HAZEN,
 IRWIN, JOHN V.,
 ISELIN, ADRIAN, JR.,
 ISELIN, COLUMBUS O. D.,
 ISLER, PAUL A.,
 *JACKSON, THEODORE F.,
 JACKSON, DR. VICTOR H.,
 JAMES, ARTHUR CURTISS,
 JENNINGS, OLIVER G.,
 JENNINGS, MRS. OLIVER G.,
 JONES, CHARLES H.,
 JONES, MRS. EDWARD H.,
 *JUILLIARD, MRS. A. D.,
 KAHN, OTTO H.,
 KANE, GRENVILLE,
 *KANE, JOHN INNES,
 KEYSER, SAMUEL S.,
 KIDDER, NATHANIEL T.,
 *KING, GEORGE GORDON,
 *KINGSLAND, WILLIAM M.,
 *KISSEL, GUSTAV E.,
 KRECH, DR. SHEPARD,
 KUNHARDT, W. B.,
 LAFARGE, C. GRANT,
 LAMONT, MISS ELIZABETH K.,
 *LANGDON. WOODBURY,
 LANIER, CHARLES,

LEE, CHARLES NORTHAM,
 *LEEDS, MRS. WARNER M.,
 LEHMAN, S. M.,
 LINCOLN, EDWARD K.,
 LOCHRIE, JOHN,
 LOEB, MRS. MORRIS,
 *LOUNSBERY, BEN-ALI H.,
 *LOUNSBERY, RICHARD P.,
 *LOW, C. ADOLPHE,
 *LOW, SETH,
 *LYDIG, DAVID,
 LYDIG, CAPT. PHILIP M.,
 McALPIN, CHARLES WILLISTON,
 McCOMB, J. SCOTT,
 McKEEVER, I. C.,
 *McKIM, CHARLES F.,
 McKINNEY, GLENN FORD,
 *McLANE, GUY RICHARDS,
 McLEAN, MRS. JAMES,
 McMILLIN, MARION,
 *MACKAY, DONALD,
 MACY, V. EVERIT,
 MADEIRA, PERCY C.,
 *MAITLAND, ALEXANDER,
 MALLORY, CHARLES H.,
 *MARC, THEOPHILUS M.,
 *MARKOE, DR. FRANCIS H.,
 MARLING, ALFRED E.,
 MARMON, MRS. ELIZABETH C.,
 MARSHALL, LOUIS,
 *MAXWELL, ROBERT,
 MEAD, MRS. WINTER,
 MERKEL, HERMANN W.,
 METCALF, JESSE,
 *METCALF, MANTON B.,
 METZ, HERMAN A.,
 MILBANK, DUNLEVY,
 MILBANK, JEREMIAH,
 MILLER, DR. GEORGE N.,
 MILLS, OGDEN L.,
 *MILTON, MRS. WILLIAM F.,
 *MITCHELL, A. M. POST,
 MITCHELL, FRANCIS L.,
 MITCHELL, H. R.,
 MITCHELL, HON. MASON,
 *MITCHELL, ROLAND G.,
 *MONELL, AMBROSE,
 MOORE, CHARLES ARTHUR, JR.,
 MOORE, FREDERIC P.,
 *MOORE, MRS. JAMES AMORY,
 MORAN, DANIEL E.,
 MORGAN, MRS. J. P., JR.,
 MORGAN, JUNIUS S.,
 *MORRIS, JAMES,
 MORRIS, MRS. LEWIS RUTHERFURD,

*DECEASED

- MOWBRAY, LOUIS, L.,
 NESBITT, ABRAM,
 NESBITT, SAMUEL,
 NEWBOLD, THOMAS,
 NEWLAND, V. M.,
 NICHOLS, MRS. WILLIAM GILMAN,
 NILES, MISS FLORILLA,
 NILES, J. BARRON,
 NILES, WILLIAM WHITE,
 NILES, MRS. WILLIAM WHITE,
 NORTON, JOHN W.,
 NUNAN, HON. J. J.,
 *NYE, JOSEPH K.,
 OSBORN, MRS. HENRY FAIRFIELD,
 OSBORN, HENRY FAIRFIELD, JR.,
 OSBORN, MRS. WILLIAM CHURCH,
 OSBURN, DR. RAYMOND C.,
 PAINTER, KENYON V.,
 *PARISH, HENRY,
 PARKER, A. W.,
 PARRISH, JAMES C.,
 PARSONS, MRS. JOHN D., JR.,
 PEABODY, CHARLES A.,
 PECK, ARTHUR N.,
 PERKINS, WILLIAM H.,
 *PETERS, SAMUEL T.,
 *PETERS, MRS. THEODORE,
 PETERS, THOMAS M.,
 PFEIFFER, CURT G.,
 PHELPS, JOHN J.,
 PHILIPS, WILLIAM P.,
 PHILLIPS, DR. JOHN C.,
 PHILLIPS, JOHN M.,
 PHIPPS, HENRY,
 PHIPPS, HENRY C.,
 *PHOENIX, PHILLIPS,
 PIERCE, HENRY CLAY,
 PIERREPONT, MISS ANNA JAY,
 *PIERREPONT, JOHN J.,
 PIERREPONT, ROBERT L.,
 PIERREPONT, SETH LOW,
 *PINCHIOT, J. W.,
 *PORTER, CLARENCE,
 *POTTER, MRS. HENRY C.,
 POTTER, WILSON,
 PRATT, DALLAS B.,
 PRATT, HAROLD I.,
 PROCTER, A. PHIMISTER,
 PULITZER, RALPH,
 PUTNAM, GEORGE P.,
 *PYNE, M. TAYLOR,
 QUINLAN, FLORENCE E.,
 *QUINTARD, GEORGE W.,
 RAYMOND, CHARLES H.,
 RICE, ALEXANDER HAMILTON,
 RICE, MRS. ALEXANDER HAMILTON,
 RICHARDSON, MRS. GEORGE H.,
 RIKER, JOHN J.,
 RIKER, SAMUEL, JR.,
 *ROBB, J. HAMPDEN,
 *ROBBINS, MILTON,
 ROBINSON, ARTHUR,
 RODEWALD, F. L.,
 ROGERS, ARCHIBALD,
 ROGERS, JAMES GAMBLE, JR.,
 RUCKER, WILLIAM J.,
 RUNGIUS, CARL,
 RUTHERFORD, WINTHROP,
 RYLE, WILLIAM,
 *ST. JOHN, FRANK L.,
 *SALTERS, J. SANFORD,
 SAMPSON, HENRY,
 SANBORN, ELWIN R.,
 *SANDS, WILLIAM R.,
 SANFORD, HENRY,
 SANFORD, HENRY, JR.,
 SANFORD, SAMUEL S.,
 *SANGER, FAIRFIELD OSBORN,
 SARGENT, HENRY B.,
 SATTERLEE, H. L.,
 SATTERLEE, MRS. H. L.,
 SATTERLEE, MISS MABEL M.,
 *SCHERMERHORN, J. EGMONT,
 *SCHIEFFELIN, EUGENE,
 SCHIEFFELIN, SCHUYLER,
 SCHLEY, EVANDER B.,
 SCHWARZENBACH, ROBERT J. F.,
 SCOTT, STEVENSON,
 SCOVILLE, MISS GRACE,
 SEMKEN, DR. GEORGE H.,
 SETON, ERNEST THOMPSON,
 SHEARSON, EDWARD,
 SHELDON, CHARLES,
 SHERMAN, GEORGE,
 *SHERMAN, WILLIAM WATTS,
 SHEWAN, JAMES,
 SHIELDS, GEORGE O.,
 SLATER, H. N.,
 SLOAN, BENSON B.,
 *SLOAN, JOHN,
 *SLOAN, SAMUEL,
 SLOAN, SAMUEL,
 SLOANE, MALCOLM D.,
 SMITH, JAMES A.,
 SOHER, LE ROY,
 SPEYER, JAMES,
 SQUIBB, DR. EDWARD H.,
 SQUIER, STUART C.,
 *STETSON, FRANCIS LYNDE,
 STEWART, WILLIAM R., JR.,

*DECEASED

- STOKES, MISS OLIVIA E. PHELPS,
STRAIGHT, MRS. WILLARD,
STREETER, D. D.,
*STURGES, FREDERICK,
STURGES, FREDERICK, JR.,
TABER, MISS MARY,
TARLTON, LESLIE JEFFERIS,
TAYLOR, FRANK J.,
*THALMAN, ERNST,
THOMPSON, LEWIS S.,
*THOMPSON, WILLIAM P.,
THORNE, MRS. W. V. S.,
TILFORD, FRANK,
TOD, ROBERT E.,
TODD, WILLIAM H.,
TODD, WILLIAM R.,
TOWNSEND, DR. CHARLES H.,
TREVOR, HENRY G.,
TREVOR, JOHN B.,
TRITTON, CLAUDE H.,
TUCK, EDWARD,
TUPPER, DR. CHARLES C.,
UHL, OSWALD W.,
UHLMANN, FREDERICK,
UPPERCU, INGLIS M.,
*VAIL, THEODORE N.,
*VANDERBILT, ALFRED G.,
VAN NORDEN, MRS. GRACE TALCOTT,
VAN RENSSELAER, CHARLES A.,
VARNUM, MRS. JAMES M.,
*WADSWORTH, MAJOR W. AUSTIN,
WADSWORTH, MRS. W. A.,
WAID, D. EVERETT,
WAINWRIGHT, RICHARD T.,
*WALKER, DR. HENRY FREEMAN,
- WANAMAKER, RODMAN,
WARRBURG, FELIX M.,
*WARREN, SAMUEL D.,
*WATSON, FRANCIS A.,
WATSON, JAMES S.,
WEBB, WATSON,
WEBB, DR. W. SEWARD,
WEBSTER, HAMILTON FISII,
*WELCHER, MRS. FANNY AVERY,
*WENDELL, EVERT JANSEN,
*WETMORE, CHARLES W.,
*WETMORE, GEORGE PEABODY,
WHARTON, WILLIAM P.,
WHEALTON, LOUIS N.,
WHITE, EDWARD,
WHITE, JOHN JAY,
*WHITEHEAD, PAUL,
WHITMAN, MALCOLM D.,
WHITNEY, CASPAR,
WHITNEY, CORNELIUS VANDERBILT,
WHITNEY, HARRY PAYNE,
WHITNEY, PAYNE,
WILLETS, ELMORE A.,
WILLETS, HOWARD,
WILLIAMS, CLARK,
WILLIAMS, WILLIAM,
*WING, JOHN D.,
WING, JOHN MORGAN,
WINTHROP, BEEKMAN,
*WINTHROP, EGERTON L.,
*WITHERS, GEORGE B.,
WOERISHOFFER, MRS. ANNA,
WOOD, DR. CASEY A.,
WOODWARD, WILLIAM,
*WORTHINGTON, C. C.,

Sustaining Members

- BAKER, GEORGE F., JR.,
FORD, JAMES B.,
HAMILTON, WILLIAM PIERSON,
HAVEMEYER, F. C.,
HOE, RICHARD M.,
HOE, MRS. RICHARD M.,
- HYDE, MRS. CLARENCE M.,
MORGAN, J. P.,
*SCHIFF, JACOB H.,
STEWART, LISPENARD,
STURGIS, FRANK K.,
WILSON, PROF. EDMUND B.,
WOLFF, A.,

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- ABBOTT, MRS. MARIE M.,
ABEEL, JOHN H.,
ABERCROMBIE, DAVID,
ABERT, BENJAMIN,
ACHELIS, MISS ELIZABETH A.,
*ACHELIS, FRITZ,
ACHELIS, JOHN,
- *ACHELIS, JOHNFRITZ,
ADAM, HUGO S., JR.,
ADAMS, CHARLES E.,
ADAMS, FREDERICK B.,
ADAMS, JOHN DUNBAR,
ADAMS, WALLACE,
ADAMS, DR. WARREN S.,

*DECEASED

ADAMS, MRS. WARREN S.,
 ADAMS, MRS. WILLIAM CRITTENDEN,
 ADDINSELL, H. M.,
 ADLER, J. A.,
 AGNEW, MRS. CORNELIUS R.,
 AHRENS, HENRY A.,
 AHRNKE, CARL J. R.,
 ALDRICH, WINTHIROP W.,
 ALDRICH, MRS. WINTHIROP W.,
 ALEXANDER, MRS. CHARLES B.,
 ALEXANDER, BART., SIR DOUGLAS,
 ALI, MRS. GEORGE D.,
 ALKER, JAMES WARD,
 ALLEN, ETHAN,
 ALLEN, FREDERIC WINTHIROP,
 ALLEN, JAMES F.,
 ALLIEN, FREDERICK,
 ALTSCHUL, C.,
 ALTSCHUL, MISS CLARA,
 AMEND, CARL G.,
 AMS, CHARLES M.,
 ANDERSON, P. CHAUNCEY,
 ANDERSON, MRS. WILLIAM,
 ANDREINI, J. M.,
 ANDREWS, GEN. AVERY D.,
 ANDREWS, GWYNNE M.,
 ANDREWS, DR. W. EDSON,
 ANONYMOUS,
 ANSBACHER, D. A.,
 APPLEBY, MRS. JOHN STORM,
 APPLETON, FRANCIS R.,
 APPLETON, JAMES W.,
 ARCHBOLD, JOHN F.,
 ARCHBOLD, MRS. J. F.,
 ARCHER, MRS. GEORGE A.,
 AREND, F. J.,
 ARGABRITE, N. M.,
 ARKUSH, REUBEN,
 ARMOUR, GEORGE A.,
 ARMOUR, MRS. HERMAN O.,
 ARMSTRONG, F. F.,
 ARMSTRONG, HAMILTON FISH,
 ARNOLD, PAUL,
 ARTZ, C. WALTER,
 ASCHE, SIDNEY L.,
 ASPINWALL, J. LAWRENCE,
 ASSMUTH, JOSEPH,
 ATWATER, CHARLES B.,
 ATWATER, RICHARD M., JR.,
 ATWOOD, KIMBALL C.,
 AUCHINCLOSS, C. C.,
 AUCHINCLOSS, MRS. C. C.,
 AUCHINCLOSS, MRS. E. S., SR.,
 AUCHINCLOSS, MRS. EDGAR S., JR.,
 AUCHINCLOSS, HUGH,

AUCHINCLOSS, JAMES C.,
 AUCHINCLOSS, JOHN W.,
 AUERBACH, MRS. JOSEPH S.,
 AUGUST, HARMON,
 AUSTIN, CHELLIS A.,
 AYCRIGG, B. ARTHUR,
 BABCOCK, WOODWARD,
 BABST, EARL D.,
 BACHE, JULES S.,
 BACON, EDGAR MAYHEW,
 BACON, MRS. FRANCIS MCNIEL,
 BACON, GEORGE W.,
 BACON, MRS. ROBERT,
 BACON, WENTWORTH C.,
 BAERWALD, MRS. PAUL,
 *BAGG, DR. CLINTON L.,
 BAGG, MRS. CLINTON L.,
 BAHNSEN, C.,
 BAILEY, MRS. JAMES M.,
 BAILLY, EDWARD C.,
 BAIRD, ROBERT BRECKENRIDGE,
 BAKER, GEORGE R.,
 BAKER, MRS. GEORGE F., JR.,
 BAKER, JOHN STEWART,
 BAKER, J. WHITNEY,
 BAKER, STEPHEN,
 BALDWIN, FREDERICK H.,
 BALDWIN, HENRY DEFOREST,
 BALDWIN, JAMES H.,
 BALDWIN, JARED G., JR.,
 BALL, FRANK B.,
 BALLANTINE, ARTHUR A.,
 BALLARD, EDWARD L.,
 BALLARD, SUMNER,
 BAMBACH, CHRISTIAN,
 BAMBERGER, LOUIS I.,
 BANGS, FRANCIS,
 BANGS, HENRY McCOMB,
 BANKS, THEODORE H.,
 BANNARD, OTTO T.,
 BARBER, THOMAS H.,
 BARBOUR, F. K.,
 BARCLAY, MRS. JAMES L.,
 BARCLAY, MRS. REGINALD,
 BARKER, DR. PERCEVAL M.,
 BARNARD, J. AUGUSTUS,
 BARNES, CORTLANDT D.,
 BARNES, HENRY B.,
 BARNES, JAMES,
 BARNETT, CHESTER P.,
 BARNEY, ASHBEIL H.,
 BARNEY, EDGAR S., SC.D.,
 BARNEY, MRS. J. STEWART,
 BARNUM, WILLIAM M.,
 BARRET, CECIL,

- BARRON, GEORGE D.,
 BARSTOW, MRS. F. Q.,
 BARTLETT, PHILIP G.,
 BARTOL, HENRY G.,
 BARTON, MRS. CARLOTTA M.,
 BARTON, EDWARD RITTENHOUSE,
 BARTON, GEORGE DE FOREST,
 BARTON, RALPH,
 BASS, DR. MURRAY H.,
 BATESON, RICHARD H.,
 BAUCHLE, THOMAS H., JR.,
 BAUER, OSWALD, A.,
 BAUER, WALTER,
 EAVA, FELICE,
 BAXTER, MRS. DON A.,
 BAYLIES, EDMUND L.,
 BAYNE, MRS. L. P.,
 BEACH, WILLIAM N.,
 BEADLESTON, MISS EDITH,
 BEAL, MRS. ROBERT C.,
 BEALE, PHELAN,
 BEALL, C. W.,
 BEALL, JEREMIAH,
 BECKWITH, SIDNEY FORBES,
 BEDLE, MISS JOSEPHINE D.,
 BEEKMAN, CHARLES K.,
 BEEKMAN, FENWICK, M.D.,
 BEERS, MRS. E. LEGRAND,
 BEHREND, DR. OTTO F.,
 BELKNAP, HENRY W.,
 BELL, DENNISTOUN M.,
 *BELL, LOUIS V.,
 *BELL, PARK E.,
 BELL, WILLIAM B.,
 BELLER, A.,
 BELLER, WILLIAM F.,
 BENDA, W. T.,
 BENEDICT, JAMES H.,
 BENEDICT, LEMUEL C.,
 BENJAMIN, WILLIAM M.,
 BENKARD, HARRY H.,
 BENKARD, MRS. HARRY H.,
 BENKARD, J. PHILIP,
 BENSON, R. LAWRENCE,
 BERDAN, TEMPLE T.,
 *BERESFORD, JOHN GEORGE,
 BERGER, MRS. CHARLES F.,
 BERGGREN, E. R. T.,
 BERGH, HENRY,
 BERKITZ, BERNHARD,
 BERNHEIM, GEORGE B.,
 BERNHEIM, HENRY J.,
 BERNHEIMER, CHARLES L.,
 BERTRON, S. R.,
 BEST, MRS. CHARLES B.,
 BIDDLE, WILLIAM C.,
 BIER, MRS. SYLVAN,
 BIGELOW, WILLIAM S.,
 BIGGS, MRS. HERMANN M.,
 BILL, EDWARD LYMAN,
 BILL, RAYMOND,
 BILLINGS, C. K. G.,
 BINNEY, EDWIN,
 BINSWANGER, ARTHUR A.,
 BIRCHALL, MRS. F. T.,
 BIRCHALL, MRS. WILLIAM H.,
 BIRNBAUM, MARTIN,
 BISLAND, P. E.,
 BISSINGER, GEORGE H.,
 BLACK, MRS. ROBERT C.,
 BLADGEN, GEORGE,
 BLADGEN, MRS. GEORGE,
 BLADGEN, MRS. JULIA G.,
 BLADGEN, MEREDITH,
 BLAIR, CHARLES H.,
 BLAIR, J. INSLEY,
 BLAIR, MRS. LEDYARD,
 BLAKE, MRS. JOSEPH,
 BLAKESLEE, MRS. THERON J.,
 BLISS, MISS S. D.,
 BLISS, MRS. WALTER PHELPS,
 BLOCK, RALPH,
 BLODGETT, THOMAS H.,
 BLOODGOOD, ROBERT F.,
 BLOOMINGDALE, IRVING I.,
 BLOOMINGDALE, MRS. JOSEPH B.,
 BLUM, DR. RICHARD,
 BLUMENTHAL, HUGO,
 BLUMENTHAL, SIDNEY,
 BOARDMAN, KENNETH,
 BOARDMAN, MISS R. C.,
 BODKIN, MISS MURIEL C.,
 BOESE, QUINCY WARD,
 BOETTGER, MISS PAULINE,
 BOETTGER, THEODORE,
 BOLTON, MISS ELLA F.,
 BOLTON, MISS EMILY L.,
 BOLTON, WILLIAM H.,
 BOND, A. HUIDEKOPER,
 BOND, STEPHEN N.,
 *BONNER, G. T.,
 BORIE, A. E.,
 BORLAND, J. NELSON,
 BOWDOIN, MISS EDITH G.,
 BOWDOIN, GEORGE TEMPLE,
 BOWEN, CLARENCE WINTHROP,
 BOWEN, MRS. CLARENCE,
 BOWEN, MISS ELIZABETH D.,
 BOWERS, HENRY S.,
 BOWERS, SPOTSWOOD DANDRIDGE,

*DECEASED

- BOWMAN, ISALAH,
 BOWNE, FRANCIS DRAPER,
 BOYDEN, DWIGHT F.,
 BRADLEY, ALLAN B. A.,
 BRADLEY, MISS MARY T.,
 BRADY, NICHOLAS F.,
 BRAND, ALBERT R.,
 BREED, R. E.,
 *BREWSTER, MRS. BENJAMIN,
 BREWSTER, GEORGE S.,
 BREWSTER, MRS. ROBERT S.,
 BRIDGES, ROBERT,
 BRIGGS, JAMES E.,
 BRIGHTWELL, LEONARD ROBERT,
 BRILL, DR. A. A.,
 BRINCKERHOFF, ALEXANDER G.,
 BRINTON, MRS. WILLARD C.,
 BRISTOL, JOHN I. D.,
 BRISTOW, WILLIAM B.,
 BROKAW, CLIFFORD V.,
 BROKAW, MRS. CLIFFORD V.,
 *BRONSON, DR. EDWARD BENNET,
 BRONSON, WILFRID SWANCOURT,
 BROOKS, MISS BERTHA G.,
 BROOKS, CHESTER K.,
 BROOKS, FREDERICK,
 BROWN, MRS. ARCHER,
 BROWN, MISS CAROLINE,
 BROWN, CHARLES HILTON,
 BROWN, CHARLES S., JR.,
 BROWN, DICKSON Q.,
 BROWN, EDWIN H.,
 BROWN, F. RHINELANDER,
 BROWN, COL. FRANKLIN Q.,
 BROWN, MRS. FRANKLIN Q.,
 BROWN, HENRY C.,
 BROWN, VERNON CARLETON,
 BROWNING, MRS. J. HULL,
 BROWNING, WILLIAM H.,
 BRUNDIGE, MISS ELIZABETH B.,
 BRUNSWICK, MRS. EMANUEL,
 BRYAN, BENJAMIN B.,
 BRYCE, MISS MARY T.,
 BUCKLEY, B. LORD,
 BUCKNER, THOMAS A.,
 BUDD, HENRY A.,
 BUECHNER, C. FRED,
 BUGBEE, DR. HENRY G.,
 BUHRMAN, T. SCOTT,
 BULKLEY, EDWIN M.,
 BULKLEY, MRS. EDWIN M.,
 BULKLEY, JONATHAN,
 BULKLEY, MRS. JONATHAN,
 BULKLEY, L. DUNCAN,
 BULLOCK, GEORGE,
 BURDEN, JAMES A.,
 BURDEN, MRS. W. A. M.,
 BURGESS, E. PHILLIPS,
 BURGESS, THORNTON W.,
 BURNHORN, EDWIN,
 BURKE, JOHN,
 BURKHARD, THOMAS,
 BURLEIGH, MRS. GEORGE W.,
 BURLINGHAM, CHARLES C.,
 BURNHAM, GORDON W.,
 BURR, GEORGE L.,
 BURRELL, WILLIAM S.,
 BURRILL, EDWARD L.,
 BUSH, D. FAIRFAX,
 BUSH, I. JAMES,
 BUTLER, ARTHUR W.,
 BUTLER, CHARLES STEWART,
 BUTLER, LOUIS F.,
 BUTLER, FRANCIS X.,
 BYRNE, MRS. JAMES,
 CABOT, F. H.,
 CABOT, JOHN, JR.,
 CAESAR, CHARLES U.,
 CAESAR, HENRY A.,
 CAHEN, JAMES P.,
 CALKINS, MISS EMMA W.,
 CALMAN, HENRY L.,
 CAMDEN, MRS. SPRIGG D.,
 CAMMANN, EDWARD C.,
 CAMMANN, MRS. GEORGE P.,
 CAMMANN, HENRY LORILLARD,
 CAMPBELL, DONALD,
 CANFIELD, GEORGE FOLGER,
 CAPLIN, HARRY,
 CARHART, AMORY S.,
 CARLBACH, EMIL,
 CARLBACH, WALTER M.,
 CARLISLE, JAY,
 CARLTON, NEWCOMB,
 CARNS, ARTHUR L.,
 CARPENDER, WILLIAM,
 CARPENTER, C. L.,
 CARPENTIER, JAMES Q.,
 CARRINGTON, GEORGE,
 CARSON, MRS. J. HENRY,
 CARTER, ERNEST T.,
 CARTER, DR. HERBERT S.,
 CARTIER, P. C.,
 CASAMAJOR, DR. LOUIS,
 CASE, HENRY PHELPS,
 CASE, J. HERBERT,
 CASS, CHARLES ANDERSON,
 CATTS, ROBERT M.,
 CATTY, F. GORDON,
 CAUTY, FRANK H.,

*DECEASED

- CHALMERS, ARTHUR A.,
 CHAMBERLIN, WILLIAM B.,
 CHAMBERS, FRANK R.,
 CHAMBERS, HILARY R.,
 CHANDLER, NORMAN WILMER,
 CHANLER, ROBERT W.,
 CHAPIN, MRS. ALFRED,
 CHAPIN, MISS MARIA BOWEN,
 CHAPIN, MRS. NANO E.,
 *CHAPMAN, MISS FANNY,
 CHAPMAN, HENRY OTIS,
 CHAPMAN, JOHN JAY,
 CHARLES, HOWARD W.,
 CHAVES, JOSE EDWARD,
 CHIENEY, GEORGE L.,
 CHIENEY, MRS. KNIGHT DEXTER, JR.,
 CHIENEY, LOUIS R.,
 CHIENEY, MISS MARY,
 CHILD, JOHN H.,
 CHILD, MRS. LEWIS P.,
 CHILDS, EVERSLEY,
 CHILDS, STARLING W.,
 CHISHOLM, MRS. HUGH J., Sr.,
 CHOATE, MRS. ARTHUR O.,
 CHOATE, EDWARD A.,
 CHOATE, JOSEPH K.,
 CHUBB, PERCY,
 CHURCH, AUSTIN,
 CHURCH, CHARLES T.,
 CHURCH, E. D.,
 CHURCH, GEORGE H.,
 CHURCH, LOUIS P.,
 CLAFLIN, JOHN,
 CLANCY, JOHN EVARTS,
 CLAPP, A. P.,
 CLARK, B. PRESTON,
 CLARK, CHARLES HOPKINS,
 CLARK, C. M.,
 CLARK, CHARLES MARTIN,
 CLARK, EDWARD H.,
 CLARK, MRS. EDWARD HARDY,
 CLARK, MISS E. MAEEL,
 CLARK, MRS. EDGAR MILTON,
 CLARK, HAROLD BENJAMIN,
 CLARK, HERBERT L.,
 CLARK, J. FRANCIS ALOYSIUS,
 CLARK, MRS. J. F. A.,
 CLARK, JAMES L.,
 CLARK, MRS. JOHN C.,
 CLARK, J. WILLIAM,
 CLARK, JOHN W.,
 CLARK, MARSHALL,
 *CLARK, W. A.,
 CLARKE, E. A. S.,
 CLARKE, LEWIS L.,
 CLARKE, THOMAS B.,
 CLARKSON, MISS ANNIE,
 CLAUSEN, GEORGE,
 CLEMENS, DR. JAMES B.,
 *CLINCH, EDWARD S.,
 CLOSE, WALTER H.,
 CLOWES, F. J.,
 CLOWES, FREDERICK V.,
 COAKLEY, C. G., M.D.,
 COCHRAN, G. D.,
 COCKCROFT, MISS E. V.,
 CODDINGTON, JOHN INSLEY,
 COFFIN, EDMUND,
 COFFIN, FRANCIS A.,
 COFFIN, HENRY S.,
 *COFFIN, WILLIAM EDWARD,
 COFFIN, WILLIAM SLOANE,
 COLBURN, ALBERT E.,
 COLE, EDWARD F.,
 COLE, MRS. RUFUS,
 COLEBROOK, CHARLES B.,
 COLEMAN, C. P.,
 COLGATE, GILBERT,
 COLGATE, HENRY A.,
 COLKET, J. HAMILTON,
 COLLIER, MRS. R. J.,
 COLLINS, MAJOR ALFRED M.,
 COLT, HARRIS D.,
 COLT, RICHARD C.,
 COLT, S. SLOAN,
 COLTON, CHESTER LEE,
 COMSTOCK, MRS. H. G.,
 CONBOY, MARTIN,
 CONE, FREDERICK H.,
 CONHEIM, HERMANN,
 CONKLING, PAUL BURLEIGH,
 CONNFELT, CHARLES M.,
 CONOVER, H. B.,
 CONROY, WILLIAM H.,
 CONSTANTIAN, DR. RALPH S.,
 CONTENT, HARRY,
 CONVERSE, MISS MARY E.,
 CONYNGHAM, JOHN N.,
 COOK, MRS. ALFRED A.,
 COOK, MRS. CHARLES T.,
 COOKE, DR. ROBERT A.,
 COOPER, HENRY S. FENIMORE,
 COOPER, MRS. M. LEBRUN,
 CORBIN, AUSTIN,
 CORRIELL, WILLIAM WALLACE,
 CORLIES, HOWARD,
 CORNELL, MISS EMILY LEFFERTS,
 CORNETT, MRS. GARDNER,
 CORWIN, ARTHUR F.,
 COSTER, CHARLES HENRY,

*DECEASED

COX & STEVENS,
 COYKENDALL, FREDERICK,
 CRABBE, MISS LOUISE G.,
 CRAIG, BURDETTE P.,
 CRANE, MRS. W. MURRAY,
 CRAVATH, MRS. PAUL D.,
 CRAWFORD, MARY M., M.D.,
 CRAWFORD, WILLIAM,
 CRIMMINS, MISS MARY C.,
 CRIMMINS, THOMAS,
 CROCKER, GEORGE A., JR.,
 CROCKER, WILLIAM T.,
 CROMWELL, JAMES W.,
 CROMWELL, LINCOLN,
 CROSBY, MAUNSELL S.,
 CROSS, GEORGE D.,
 CROSS, J. W.,
 CROSS, MISS MARY R.,
 CROSS, MRS. R. J.,
 CROSSLEY, G. REGINALD,
 CUDDIHY, ARTHUR B.,
 CULLMAN, HOWARD S.,
 CULLMAN, JOSEPH,
 CUNNINGHAM, FRANCIS DE L.,
 CUNNINGHAM, W. DE LANCEY,
 CURIE, CHARLES,
 CURIEL, H.,
 *CURREY, J. B.,
 CURTIS, CHARLES P.,
 CURTIS, F. K.,
 CURTIS, MRS. H. HOLBROOK,
 CURTIS, MRS. JENNETTE C.,
 CUSHMAN, B. A.,
 CUSHMAN, PAUL,
 CUTLER, JOHN W.,
 CUTTER, RALPH L.,
 CUTTING, FULTON,
 CUTTING, HEYWARD,
 CUTTING, R. FULTON,
 CUTTING, MRS. W. BAYARD,
 CUYLER, MISS ELEANOR DE G.,
 DAILEY, GRANVILLE F.,
 DALLETT, FREDERIC A.,
 DALZIEL, MRS. F. Y.,
 DAME, F. L.,
 DAMROSCH, FRANK,
 DANA, PAUL,
 DANE, MRS. ERNEST B.,
 DANIELS, MRS. LORENZO,
 DARBY, DAVID M.,
 DARLING, JOSEPH WARREN,
 DAVENPORT, MRS. IRA,
 DAVENPORT, WILLIAM B.,
 DAVIDGE, WILLIAM H.,
 DAVIES, J. CLARENCE,

DAVIS, MRS. CECIL CLARK,
 DAVIS, GHERARDI,
 DAVIS, HOWLAND,
 DAVIS, MORGAN,
 DAVIS, MRS. ROBERT C.,
 DAVIS, WATERS S.,
 DAVISON, MISS ALICE M.,
 DAVISON, MISS ELLA H.,
 DAVISON, F. TRUBEE,
 DAVISON, MRS. HENRY POMEROY,
 DAY, MISS LAURA V.,
 DAYTON, CHARLES W.,
 DEACON, DR. J. D.,
 DEANE, HARRY TENISON,
 DE FOREST, JOHNSTON,
 DE FOREST, ROBERT W.,
 DE GOICOURIA, A. V.,
 DE HEREDIA, MRS. CARLOS M.,
 DE KAY, MRS. SIDNEY,
 DELAFIELD, EDWARD C.,
 *DELAFIELD, FREDERICK P.,
 DELAFIELD, LEWIS L.,
 DELANO, LYMAN,
 DELANO, MOREAU,
 DE LANOY, WILLIAM C.,
 *DELAUGIER-VILLARS, COUNTESS,
 DELONG, FRANK E.,
 DE LONG, MRS. GEORGE B.,
 DEMING, L. C.,
 DENBY, EDWIN H.,
 DEPEREGNY, COMTESSE,
 DEPEW, CHAUNCEY M.,
 DERBY, JAMES LLOYD,
 DERHAM, MRS. CHARLES, JR.,
 DERHAM, MRS. H. CASIMIR,
 DETMER, JULIAN F.,
 DETTE, MRS. WILLIAM,
 DE VEAU, MRS. F. C.,
 DEVEREUX, WALTER B.,
 DEVINNE, T. B.,
 DEVOTION, MISS HARRIET N.,
 DEWEY, MARTIN,
 DEXTER, GEORGE M.,
 DEYO, MISS MARGARET,
 DEZALDO, FREDERICK,
 DICK, MRS. FAIRMAN ROGERS,
 DICKERSON, E. N.,
 DICKEY, MRS. CHARLES D.,
 DICKINSON, MRS. JOHN M.,
 DIEHL, GEORGE H., JR.,
 DIENST, A. P.,
 DIKE, OSCAR D.,
 DILLON, HERBERT LOWELL,
 DILWORTH, JOSEPH R.,
 DIX, MRS. ALFRED P.,

*DECEASED

DIXON, F. E.,
 DIXON, THEODORE P.,
 DOANE, BENJAMIN H.,
 DODD, ALFRED W.,
 DODGE, MRS. ARTHUR M.,
 DODGE, BAYARD,
 DODGE, CLEVELAND E.,
 DODGE, MRS. CLEVELAND H.,
 DOHERTY, MISS MARY,
 DOHME, JOHN L.,
 DOMINICK, BAYARD,
 DOMINICK, GAYER G.,
 DOMINICK, H. BLANCHARD,
 DOMMERICH, OTTO L.,
 DONALD, MISS ANNA E.,
 DOOLITTLE, F. W.,
 DOOLY, MRS. MARY,
 DOREMUS, F. S.,
 DORN, MRS. SARAH L.,
 DOUBLEDAY, F. N.,
 DOUGHERTY, RT. REV. MGR. GEORGE
 A., D.D.,
 DOUGLAS, MISS ELIZABETH,
 DOUGLAS, WALTER,
 DOUGLAS, WILLIAM H.,
 DOWD, MRS. JOSEPH,
 DOWD, WYLLYS E., JR.,
 DOWLING, EDWARD D.,
 DOWNER, J. HALSEY,
 DOWNER, WILLIAM J.,
 DOWNEY, JOHN I.,
 DOWS, MRS. DAVID, SR.,
 DOWS, TRACY,
 DRAGER, F. W.,
 DRAKE, MISS MARY E.,
 DRAPER, CHARLES D.,
 DRAPER, DR. GEORGE,
 DRAPER, JOHN M.,
 DRAPER, DR. WILLIAM K.,
 DRAYTON, J. COLEMAN,
 DRAYTON, MRS. HENRY COLEMAN,
 DRAYTON, W. HEYWARD, 3RD.,
 DREIER, MISS KATHERINE,
 DREW, CORNELIUS,
 DRIGGS, LAURENCE LA TOURETTE,
 DRUMMOND, I. WYMAN,
 DUANE, ARTHUR,
 DUANE, MRS. JAMES MAY,
 DUBOIS, EUGENE,
 DU BOIS, MRS. MATTHEW B.,
 DUEL, DR. ARTHUR B.,
 *DUER, MRS. JOHN BEVERLEY,
 DUIS, B. A.,
 DUNCAN, STUART,

DUNCAN, MRS. STUART,
 DUNHAM, LEWIS L.,
 DUNLOP, E. A.,
 DUNNE, MRS. FINLEY PETER,
 DU PONT, H. F.,
 DURFEE, CHARLES H.,
 DURKEE, MRS. A. W.,
 DURKEE, EUGENE W.,
 DURKEE, RICHARD P. H.,
 DURKEE, MRS. RICHARD P. H.,
 DURYEA, MRS. H. B.,
 DUTCHER, JOHN GEROW,
 DUVAL, MRS. HORACE C.,
 DWIGHT, MISS ADELIA A.,
 DWIGHT, JONATHAN, M. D.,
 DWIGHT, MRS. WINTHROP E.,
 EAGLE, JOHN H.,
 EASTON, CHARLES PHILIP,
 EATON, MRS. FREDERICK H.,
 EATON, GEORGE L.,
 EBERSTADT, FERDINAND,
 ECK, WILLIAM J.,
 ECKART, EDMUND,
 EDDY, L. A., JR.,
 EDEN, JOHN H.,
 EDGAR, HERMAN L. R.,
 EDGAR, WILLIAM S.,
 EDISON, MRS. THOMAS A.,
 EDMONDS, THOMAS C.,
 EDWARDS, DR. GEORGE VAIL,
 EHRENREICH, ALFRED,
 EHRET, LOUIS J.,
 EHRMAN, MRS. ERNEST,
 EIDLITZ, ROBERT JAMES,
 EILERS, KARL,
 EINHORN, DR. MAX,
 EINSTEIN, I. D.,
 EISING, HARRY,
 ELDRIDGE, LEWIS A.,
 ELDRIDGE, WILLIAM T.,
 ELLIOTT, HOWARD,
 ELLIS, RALPH, JR.,
 ELLSWORTH, D. S.,
 ELLSWORTH, JOHN S.,
 ELMENDORF, DR. TEN EYCK,
 ELSE, MAXIMILIAN, JR.,
 EMANUEL, J. H., JR.,
 EMBURY, MISS EMMA C.,
 EMMET, MISS LYDIA F.,
 EMMET, ROBERT TEMPLE,
 ERDMANN, MARTIN,
 ERDMANN, WILLIAM,
 ERLANGER, MILTON S.,
 ESBERG, HENRY,
 ETTLINGER, LOUIS,

*DECEASED

- EUSTIS, JOHN E.,
 EVANS, S. M.,
 EVANS, VICTOR J.,
 EVARTS, MISS MARY,
 EVELAND, FRANK,
 EWING, GEORGE R. M.,
 EWING, MRS. THOMAS,
 FABBRI, ERNESTO G.,
 FABBRI, MRS. SHEPARD,
 FABER, EBERHARD,
 FAHNESTOCK, DR. ERNEST,
 FAHNESTOCK, MRS. ERNEST,
 FAHNESTOCK, HARRIS,
 FAHNESTOCK, WILLIAM,
 FAIRCHILD, BENJAMIN L.,
 FAIRCHILD, BENJAMIN THOMAS,
 *FAIRCHILD, MRS. C. S.,
 FAIRCHILD, MRS. CHARLES T.,
 FAIRCHILD, SAMUEL W.,
 FALES, HALIBURTON, JR.,
 FALLS, MRS. DEWITT CLINTON,
 FARLEY, MRS. GUSTAVUS, JR.,
 FARNAM, WILLIAM W.,
 FARR, JOHN, JR.,
 FARRAND, MAX,
 FAY, FRANCIS B.,
 FECHTIG, DR. ST. GEORGE,
 FEDER, JOSEPH T.,
 FELDMAN, O. A.,
 FERGUSON, WILLIAM C.,
 FERRY, MANSFIELD,
 FEUSS, MAJOR ANDREW W.,
 FEUSTMAN, LEON P.,
 FIDDLER, E. T.,
 FIELD, MRS. AUGUSTUS B.,
 FIELD, HENRY, F. R. A. I.,
 FIELD, H. F.,
 FIELD, MRS. MARSHALL,
 FILLEY, F. HERBERT,
 FINCKE, MRS. REGINALD,
 FISCHER, WILLIAM H.,
 FISH, MRS. HAMILTON,
 FISHER, EDWIN A.,
 FISHER, DR. G. CLYDE,
 FITZGERALD, CHARLES MAURICE,
 FITZHUGH, JOHN L.,
 FITZPATRICK, FRANK J. E.,
 FLAGLER, HARRY HARKNESS,
 FLEISCHMANN, UDO M.,
 FLEITMAN, HENRY T.,
 FLEITMANN, FREDERICK T.,
 FLEMING, MATTHEW C.,
 FLETCHER, HENRY,
 FLORSHEIM, HARRY A.,
 FLOYD-JONES, EDWARD H.,
 FOGARTY, JAMES F.,
 FOOT, SANDFORD DWIGHT,
 FORBES, DR. JOSEPH H.,
 FORBIN, VICTOR,
 FORDYCE, JOHN A.,
 FORREST, ARCHIBALD A.,
 FOSBURGH, JAMES B. A.,
 FOSHAY, P. MAXWELL,
 FOSTER, F. TAYLOR,
 FOSTER, FRANK B.,
 FOSTER, GIRAUD,
 FOSTER, HOWARD CROSBY,
 FOSTER, J. HEGEMAN,
 FOSTER, MACOMB G.,
 FOWLER, MRS. ANDERSON,
 FOWLER, MRS. ARTHUR,
 FOWLER, HAROLD,
 FOWLER, RUSSELL S., M.D.,
 FOX, MISS ALICE BLEECKER,
 FOX, AUSTIN G.,
 FOX, FREDERICK P.,
 *FRANK, EMIL,
 FRANK, LOUIS,
 FRASER, ALEXANDER J.,
 FRASER, ALEXANDER V.,
 FRASER, MRS. CHARLES D.,
 FRASER, MRS. GEORGE C.,
 FRASER, MISS JANE G.,
 FRASER, MISS J. K.,
 FRASER, MISS SARAH,
 FRASER, WILLIAM A.,
 FREDERICK, MRS. LEOPOLD,
 FREEDMAN, LEO,
 FREEMAN, MISS GERTRUDE A.,
 FRENCH, DANIEL C.,
 FRENCH, MRS. JOHN,
 FREW, WALTER E.,
 FRIES, DR. HAROLD H.,
 FRISSELL, A. S.,
 FRITH, MISS LOUISE S.,
 FROMM, MISS LOUISE,
 FROMM, S. W.,
 FROST, AARON V.,
 FROTHINGHAM, C. FREDERICK,
 FROTHINGHAM, JOHN W.,
 FROTHINGHAM, WILLIAM I.,
 FRY, MORTON H.,
 FULD, FELIX,
 FULLE, JOHN H.,
 FULLER, CHARLES D.,
 FULLER, MRS. EUGENE,
 FUNKE, EDMUND A.,
 GAILLARD, MRS. WILLIAM D.,
 GALBAN, EUGENIO,
 GALLAND, MISS BERTHA,

*DECEASED

GALLAND, NATHANIEL K.,
 GALLATIN, ALBERT,
 GALLATIN, MRS. ALBERT,
 GALLATIN, GOELET,
 GALLATIN, MRS. GOELET,
 GALLAWAY, MERRILL W.,
 GALLOWHUR, W. G.,
 GANSS, HERMAN O.,
 GARDINER, CHARLES B.,
 GARRARD, MISS MARGARET H.,
 GARRETT, JOHN W.,
 GARRETT, MISS LAURA B.,
 GARRETTSON, MISS HELEN JAY,
 GATES, MOODY B.,
 GAWTRY, LEWIS B.,
 GEBBING, DR.,
 GEDDES, DONALD G.,
 GELLER, MRS. F.,
 GENTHE, ARNOLD,
 GEORGE, G. K.,
 GERDES, THEODORE R. N.,
 GERRY, PETER G.,
 GERRY, ROBERT L.,
 GERSTENDORFER, ALBERT,
 GIBB, MRS. H. E.,
 GIBBS, GEORGE,
 GIBSON, H. D.,
 GIBSON, W. FRAZER,
 GIESEN, MISS LOUISE MARIE,
 *GILBERT, CLINTON,
 GILSEY, HENRY,
 GLASS, REUBEN E.,
 GLAZIER, HENRY S.,
 GLEASON, HERBERT P.,
 GLENN, JOHN M.,
 GLYN, W. E.,
 GOADBY, W. H.,
 GODDARD, MRS. FREDERIC N.,
 GODDARD, MRS. MORRILL,
 GODFREY, MRS. E. D.,
 GODLEY, GEORGE McM.,
 GODWIN, FREDERICK M.,
 GOETCHIUS, MRS. J. M.,
 GOELL, JACOB,
 GOETZ, RODERICK S.,
 GOLDAN, DR. S. ORMOND,
 GOLDBERG, R. L.,
 GOLDMANN, JULIUS,
 GOLDSMITH, DR. ALFRED N.,
 GOLDWATER, HENRY,
 GOMAN, MRS. HENRY A.,
 GOOD, REV. ROBERT,
 GOOD, MRS. WILLIAM HOWARD,
 GOODHUE, CHARLES E.,
 GOODWIN, GEORGE B.,

GOODWIN, GRENVILLE,
 GOODWIN, H. SAGE,
 GOODWIN, MRS. J. J.,
 GOODWIN, JAMES L.,
 GOODWIN, JOHN B. L.,
 GOODWIN, WALTER L.,
 GOODWIN, WALTER L., JR.,
 GOTTHOLD, ARTHUR F.,
 GOTTHOLD, FREDERIC,
 GOULD, CHARLES A.,
 GOULD, C. C.,
 GOULD, CHARLES W.,
 GOULD, MRS. EDWIN,
 GRAF, WILLIAM,
 GRAHAM, MRS. ARTHUR BUTLER,
 GRAHAM, MRS. GEORGE S.,
 GRANT, MRS. DE FOREST,
 GRAVES, GEORGE COE,
 GRAVES, HENRY, JR.,
 GRAY, HENRY G.,
 GRAY, PRENTISS N.,
 GREENOUGH, JOHN,
 GREENOUGH, MRS. JOHN,
 GREENWOOD, JOSEPH R.,
 GREER, MRS. LOUIS MORRIS,
 GREGG, WILLIAM C.,
 GREGORY, FRANKLIN U.,
 GRIFFIN, WILLIAM V.,
 GRIFFITH, MISS SUSAN D.,
 GRIGG, HARRY K.,
 GRINNELL, E. MORGAN,
 GRISWOLD, MRS. F. GRAY,
 GRISWOLD, WILLIAM E. S.,
 GROSVENOR, MISS ROSA ANNE,
 GRUHL, EDWIN,
 GRUNER, WILLIAM C.,
 GUDERNATSCH, DR. F.,
 GUGGENHEIM, HARRY F.,
 GUGGENHEIM, SIMON,
 GUGGENHEIMER, MRS. CHARLES,
 GUGGENHEIMER, MRS. ELIZA,
 GUINZBURG, A. M.,
 GULICK, ARCHIBALD A.,
 GUTMAN, DEWITT,
 GUTTAG, HENRY,
 GWINN, RALPH W.,
 HAAS, GEORGE C.,
 HADDEN, HAMILTON,
 HAFFEN, JOHN M.,
 HAFFEN, MRS. WILHELMINA,
 HAGE, JOHN D.,
 HAIGHT, CHARLES S.,
 HAIGHT, SHERMAN POST,
 HAINES, CHARLES D.,
 HALL, A. C.,
 HALL, HENRY J. S.,

*DECEASED

HALL, MISS JANE,
 HALL, WILLIAM W.,
 HALLOCK, CHARLES P.,
 HALM, WILLIAM E.,
 HALSEY, CHARLES W.,
 HALSEY, MRS. CHARLES W.,
 HAMANN, WILLIAM A.,
 HAMBLETON, T. EDWARD,
 HAMERSLEY, LOUIS GORDON,
 HAMILTON, MISS ELIZABETH S.,
 HAMILTON, MRS. MORGAN,
 HAMLIN, MRS. HARRY L.,
 HAMMOND, MRS. JOHN HENRY,
 HAMMOND, LYMAN P.,
 HAMMOND, PAUL,
 HANCE, JOHN A.,
 HAND, MRS. HARRY C.,
 HANDY, PARKER D.,
 HANSON, MISS BETTY,
 HARDIN, WILLIAM B.,
 HARE, MORIN S.,
 HARMON, MRS. BENEDICT,
 HARNISCHFEGER, P.,
 HARRIMAN, W. A.,
 HARRIS, ALBERT H.,
 HARRIS, CHARLES C.,
 HARRIS, GEORGE UPHAM,
 HARRIS, MRS. VICTOR,
 HARRISON-BERLITZ, V.,
 HARRISON, MRS. W. HENRY,
 HART, GEORGE,
 HARTSHORNE, J. M.,
 HASTINGS, MRS. THOMAS,
 HATCH, EDWARD, JR.,
 HATFIELD, JOSHUA,
 HAVEMEYER, HENRY O.,
 HAVEN, GEORGE G.,
 HAVEN, J. WOODWARD,
 HAVENS, ALBERT G.,
 HAWES, STEPHEN,
 HAWKES, MISS EVA,
 HAY, CLARENCE L.,
 HAYES, HIS EMINENCE, CARDINAL,
 HAYES, DR. WILLIAM VAN VALZAH,
 HAYNES, WILLIAM DEFOREST,
 HAZEN, GEORGE H.,
 HECK, GEORGE C.,
 HECK, HEINZ,
 HECKSCHER, MRS. AUGUST,
 *HEDGES, JOB E.,
 HEGEMAN, ALBERT CLARENCE,
 HEIDE, MISS BERTHA,
 HEIDE, HENRY, JR.,
 HEIDE, HERMAN L.,
 HEIDE, JULIUS A.,

HEIMAN, E.,
 HEINTZ, JOHN C.,
 HEITMAN, JOHN,
 HELME, MRS. GEORGE A.,
 HENCKEN, HANCKE,
 HENDERSON, ALTON S., M.D.,
 HENDERSON, NORMAN,
 HENNESSY, JOSEPH P.,
 HENRIOT, DR. JULES M.,
 HENRY, FRANCIS A.,
 HEPBURN, MRS. A. BARTON,
 HERMANN, BERNARD F.,
 HERNSTADT, WILLIAM L.,
 HERRMAN, MRS. HENRY S.,
 HERSH, ROYAL VALE,
 HERSHEY, ANDREW H.,
 HERTER, CHRISTIAN A.,
 HERZOG, PAUL M.,
 HERZOG, SAMUEL A.,
 HESS, DR. ALFRED F.,
 HEWITT, MRS. LUCY W.,
 HEWITT, MISS SARAH C.,
 HEYDT, CHARLES E.,
 HICKS, JOHN M. W.,
 HICKS, MISS M. HELEN,
 HIGGINS, MRS. CHARLES H.,
 HIGGINS, RICHARD H.,
 HIGGINSON, MRS. J. J.,
 HILL, E. B.,
 HILL, FREDERICK TREVOR,
 HILL, ROBERT C.,
 HILTMAN, J. W.,
 HINTON, ALFRED P.,
 HIRSCH, CHARLES S.,
 HIRSCHLAND, FRANZ H.,
 HOCHSCHILD, H. A.,
 HOE, ARTHUR F.,
 HOE, MRS. ROBERT,
 HOFF, L. R.,
 HOFFMAN, F. B.,
 HOFFMAN, MISS M. U.,
 HOFFMAN, MRS. WILLIAM M. V.,
 HOFFMAN, W. W.,
 HOGAN, MRS. JEFFERSON,
 HOGG, KENNETH S.,
 HOLBROOK, MRS. EDWARD,
 HOLLENBACK, MISS AMELIA B.,
 HOLLINGWORTH, DR. W. G.,
 HOLMES, CHARLES LEYLAND,
 HOLMES, GEORGE E.,
 HOLT, ROBERT S.,
 HOLTER, MRS. E. O.,
 HOLTON, CHARLES W.,
 HOLTON, OLIVER W.,
 HOLZWORTH, JOHN M.,

- HOMES, HENRY F.,
 HOOKER, DR. RANSOM S.,
 HOOLEY, EDWIN S.,
 HOOVER, LORING R.,
 HOPKINS, D. S.,
 HOPPIN, MISS FRANCES,
 HOPPIN, WILLIAM W., JR.,
 HORNADAY, MRS. JOSEPHINE C.,
 HERR, L. WILLIAM,
 HOSKIER, H. C.,
 HOUGHTON, CLEMENT S.,
 HOUSMAN, CLARENCE J.,
 HOWELL, MAXWELL D.,
 HOWELL, T. A.,
 HOWELLS, MRS. JOHN MEAD,
 HOWLAND, MRS. HENRY E.,
 HOXIE, W. D.,
 HOYER, F.,
 HOYT, ALFRED O.,
 HOYT, GEORGE S.,
 HOYT, GERALD L.,
 HOYT, MRS. HENRY R.,
 HOYT, JOHN SHERMAN,
 HOYT, MISS VIRGINIA SCOTT,
 HUBBARD, RALPH H.,
 HUDSON, MRS. MARJORIE V. L.,
 HUGHES, CHARLES E., JR.,
 HUGHES, JOHN,
 HUNTER, PROF. G. W.,
 HUNTINGTON, FORD,
 *HUNTMAN, REV. GERARD H.,
 HUPFEL, J. CHRISTIAN G.,
 HURD, MRS. RICHARD M.,
 HURDMAN, FREDERICK H.,
 HURLBUT, MISS MARGARET C.,
 HUTCHINS, AUGUSTUS SCHELL,
 HUTCHINS, HARLEY D.,
 HUTCHINSON, CARY T.,
 HUTTON, E. F.,
 HUYLER, C. D.,
 HUYLER, F. D.,
 HYDE, MRS. AUGUSTUS L.,
 HYDE, B. T. BABBITT,
 HYDE, COURTNEY,
 HYDE, E. FRANCIS,
 HYDE, DR. FREDERICK E.,
 HYDE, SEYMOUR WORRALL,
 ILLINGWORTH, CLARENCE,
 IMBODEN, H. M., M.D.,
 INGALLS, WALTER RENTON,
 INGERSOLL, ERNEST,
 INSLEE, EDWIN W.,
 *IRONS, HENRY C.,
 IRWIN, WALLACE,
 ISAACS, STANLEY M.,
 ISELIN, C. OLIVER,
 ISELIN, MISS GEORGINE,
 ISELIN, MRS. LEWIS,
 ISELIN, MISS LOUISE M.,
 ISELIN, WILLIAM E.,
 ISELIN, MRS. WILLIAM E.,
 ISELIN, WILLIAM O'DONNELL,
 ISHAM, WILLIAM B.,
 ISRAEL, LEON,
 IVES, RAYMOND,
 JACKSON, FREDERICK W.,
 JACKSON, MRS. FREDERICK W.,
 JACOBS, SAMUEL KELLER,
 JACOBUS, JOHN S.,
 JACQUELIN, HERBERT T.B.,
 JAECKEL, MRS. H. FRANCIS,
 JAFFRAY, ROBERT,
 JAMES, MRS. ARTHUR CURTISS,
 JAMES, HENRY, JR.,
 JAMES, MRS. WALTER B.,
 JAMES, MRS. WORTHAM,
 JAMESON, MRS. EDWIN C.,
 JARECKI, MRS. F. C.,
 JENKINS, A. W.,
 JENKINS, GUY S.,
 JENKINS, MRS. HELEN H.,
 JENKINS, WILLIAM B.,
 JENKS, ROBERT I.,
 JENNINGS, SIDNEY J.,
 JENNINGS, WALTER,
 JESUP, MRS. JAMES R.,
 JOHN, ROBERT,
 JOHNES, MRS. WILLIAM FOULKE,
 JOHNSON, F. COIT,
 JOHNSON, GILBERT H.,
 JOHNSON, THOMAS W.,
 JOHNSTON, J. HERBERT,
 JOHNSTON, DR. MARIUS E.,
 *JONES, MRS. A. MASON,
 JONES, MRS. CADWALADER,
 JONES, MRS. DWIGHT A.,
 JONES, H. BOLTON,
 JONES, H. K., JR.,
 JONES, H. LeROY,
 JONES, LEWIS Q.,
 JUDSON, WILLIAM D.,
 KACHURIN, PHILIP,
 KAHN, FELIX E.,
 KAHN, LOUIS,
 KAHN, MRS. OTTO H.,
 KAHN, DR. ROBERT J.,
 KAHN, WALTER N.,
 KANE, MRS. ARTHUR S.,
 KANE, MRS. DeLANCEY,
 KARCHER, FRANK J.,

*DECEASED

- KARELSEN, EPH. A.,
 KATZ, WILLIAM,
 KAUFMANN, MRS. BARUCH,
 KAUFMANN, C. B.,
 KAUPÉ, ALBERT,
 KEAN, HAMILTON FISH,
 KEAN, MRS. HAMILTON FISH,
 KEAN, ROBERT WINTHROP,
 KEECH, FRANK B.,
 KEECH, MRS. FRANK B.,
 KEELER, MRS. C. B.,
 KEIL, HENRY F.,
 KELCHNER, WILLIAM W.,
 KELLEY, NICHOLAS,
 KELLY, DR. HOWARD A.,
 KEMPLAND, WILLIAM C., JR.,
 KENNEDY, EDWARD G.,
 KENNEDY, MRS. H. VAN RENSSELAER,
 KENNEDY, MRS. JOHN STEWART,
 KENNERLY, MISS M. M.,
 KENT, EDWIN C.,
 KEPHART, REV. WILLIAM H.,
 KEPPEL, DAVID,
 KETCHAM, EDWARD C.,
 KETCHAM, IRVING M.,
 KEUFFEL, W. G.,
 KEYES, MRS. CHARLES W.,
 KIEGER, EMIL L.,
 KIERNAN, PETER D.,
 KILBRETH, JAMES T.,
 KILMARX, LOUIS E.,
 KIMBALL, MRS. E. A.,
 KING, MRS. AUGUSTUS F.,
 KING, EDWARD D.,
 KING, MISS ELLEN,
 KING, MISS ETHEL,
 KING, JAMES GORE,
 KING, MRS. LEROY,
 KING, MISS MINNIE P.,
 KINGSFORD, IRVING B.,
 KINGSLEY, W. M.,
 KINKEAD, MISS JENNIE H.,
 KINNEY, WARREN,
 KINNEY, MRS. WARREN,
 KIP, W. RULOFF,
 KIRK, LOUIS E.,
 KIRKHAM, WILLIAM B.,
 KIRKMAN, SIDNEY A.,
 KISSEL, MRS. W. THORN,
 KITCHEL, ALLAN F.,
 KITTREDGE, SAMUEL DANA,
 *KITZ, JOSEPH,
 KLAU, MARC,
 KLEIN, D. EMIL,
 KLEIN, MILTON M.,
 KLINGENSTEIN, CHARLES,
 KLUGMAN, J.,
 KNAPP, ARNOLD,
 KNAPP, WILLIAM J.,
 KNOEDLER, ROLAND F.,
 KNOLLENBERG, BERNHARD,
 KNOWLTON, EVAN B.,
 KNOWLTON, HUGH,
 KOHL, EDWIN PHILLIPS,
 KOLB, FRED.,
 KOLB, GEORGE C., JR.,
 KOLES, DR. HENRY M.,
 KOLLSTEDE, C. A.,
 KONTA, ALEXANDER,
 KRECH, MRS. ALVIN W.,
 KREMER, MRS. WILLIAM N.,
 KUHN, AUGUST,
 KUHN, FRANK,
 KUHN, JULIUS,
 KUMPF, GEORGE L.,
 KUNHARDT, MRS. HENRY R.,
 KUNZ, GEORGE F.,
 KURSHEEDT, ALPHONSE H.,
 KURZMAN, CHARLES C.,
 KUSER, MRS. ANTHONY R.,
 KUSER, MISS CYNTHIA G.D.,
 KUSER, JOHN DRYDEN,
 KUSER, JOHN L.,
 KUTTROFF, ADOLF,
 *LACOMBE, HON. E. HENRY,
 LADD, WILLIAM SARGENT, M.D.,
 LAGAI, DR. GEORGE,
 LAGEMANN, C.,
 LAIMBEER, JOHN,
 LAMBERT, DR. ADRIAN V. S.,
 LAMBERT, DR. ALEXANDER,
 LAMBERT, DR. SAMUEL W.,
 LAMBERT, MRS. SAMUEL W.,
 LAMBORN, A. H.,
 LAMONT, MRS. THOMAS WILLIAM,
 LANDAUER, I. N.,
 LONDON, FRANCIS G.,
 LANE, JAMES WARREN,
 LANE, WOLCOTT G.,
 LANGE, MISS CARMEN,
 LANGELOTH, MRS. VALERIA,
 LANGSTADTER, AARON,
 LANIER, MRS. JAMES F. D.,
 LANMAN, LUDLOW T.,
 LAPHAM, MRS. JOHN J.,
 LATTING, CHARLES P.,
 LAUDER, MRS. GEORGE, JR.,
 LAUTEN, HENRY G. F.,
 LAUTERBACH, MRS. AMANDA F.,
 LAWRENCE, EMIL N.,

*DECEASED

LAWRENCE, JOHN BURLING,
LAWRENCE, JOHN L.,
LAWRENCE, R. WARREN,
LAWRENCE, TOWNSEND,
LAWRENCE, W. V.,
LEA, CHARLES M.,
LEACH, HENRY GODDARD,
LEDLIE, GEORGE,
LEDYARD, MRS. LEWIS C.,
LEE, MRS. FREDERIC S.,
LEE, SAMUEL,
LEFFERTS, MARSHALL C.,
LEFFINGWELL, R. C.,
LEFKOVICS, MRS. JULIET,
LEGG, GEORGE,
LEGGETT, WARREN F.,
LEHMAIER, JAMES M.,
LEHMAN, HAROLD M.,
LEONARD, MRS. H. WARD,
LEONHARD, J. HENRY,
LEROY, EDWARD A.,
LESLIE, MRS. J. C.,
LESTER, A. EDWARD,
LESTER, HENRY M.,
LESTER, WILLIAM C.,
LEUPP, WILLIAM H.,
LEVEY, MRS. PHILLIP B.,
LEVY, LOUIS S.,
LEWIS, MRS. AUGUST,
LEWIS, MISS MARY FREDERICA,
LEWIS, DR. WILLIAM J.,
LEWISOHN, ADOLPH,
LEWISOHN, SAMUEL A.,
LICHTENSTEIN, OSCAR R.,
LIEB, CHARLES C.,
LIEB, J. W.,
LIEBSTEIN, DR. A. M.,
LINCOLN, FREDERIC W.,
LINDBERG, HARRIE T.,
LIPPINCOTT, W. J.,
LISSAUER, ROBERT,
LISSBERGER, MILTON L.,
LITCHFIELD, E. HUBERT,
LITCHFIELD, EDWARD H.,
LITTLEFIELD, CAPT. CHARLES W.,
LIVERMORE, P. W.,
LIVINGSTON, MISS ANNA P.,
LIVINGSTON, EDWARD DE P.,
LIVINGSTON, GOODHUE, JR.,
LOBENSTINE, MRS. WILLIAM C.,
LOCKE, MRS. MABEL DUNHAM,
LOEWI, HUGO V.,
LOGAN, MISS FLORENCE L.,
LOOK, DAVID M.,
LOOMIS, GUY,

LORD, MISS E. C.,
LORSCH, HENRY,
LOUNSBERY, MISS ALICE,
LOVELAND, ALFRED E.,
LOW, ETHELBERT IDE,
LOW, SETH,
LOWELL, GUY,
LOWELL, JAMES B.,
LOWTHER, CHRISTOPHER M.,
LUDINGTON, C. H.,
LUDLAM, MALCOLM C.,
LUDLOW, MRS. BANYER,
LUDLUM, C. A.,
LUEDER, C. G.,
LUEDER, E. L.,
LUKE, ADAM K.,
LUKE, DAVID L.,
LUSK, PROF. GRAHAM,
LUTKINS, CLINTON S.,
LYMAN, FRANK,
LYMAN, MISS GRACE GREENLEAF,
LYMAN, THEODORE,
MCADOO, F. H.,
MCALPIN, MRS. CHARLES W.,
MCALPIN, DR. D. H.,
MCALPIN, MRS. D. HUNTER, JR.,
MCALPIN, DR. K. R.,
MCBRIDE, MRS. HERBERT,
McCABE, T. T.,
McCAGG, LOUIS B.,
MC CALL, RICHARD,
MCCARTER, GEORGE W. C.,
MC CREA, W. S.,
MC CREERY, HENRY FORBES,
MC CREERY, MRS. HENRY FORBES,
MCCULLOH, J. S.,
MCCUTCHEON, GEORGE BARR,
MCDONALD, CHARLES B.,
MC EWEN, PAUL,
MC EWEN, MRS. PAUL,
MCFADDEN, PHILIP G.,
MCFARLIN, W. K.,
MCGUSTY, MRS. ROBERT T.,
MCILHENNY, EDWARD A.,
MCKAY, MRS. ROBERT,
MCKAY, ROBERT GORDON,
MCKELVEY, J. J.,
MCKELVEY, ROBERT,
MCKIM, JOHN A.,
MCKIM, LEROY,
MCLANE, THOMAS S.,
MCLEAN, MARSHALL,
MC MANUS, EDWARD F.,
MCMILLAN, FRANCIS W.,
MCNAIR, WILLIAM,

MAAS, MILTON A.,
 MAC CRACKEN, MRS. GEORGE G.,
 MACDONALD, RONALD H., JR.,
 MACENULTY, J. F.,
 MACFARLANE, WALLACE,
 MACK, ARTHUR C.,
 MADDEN, J. E.,
 MAGEE, JOHN,
 MAGER, F. ROBERT,
 MAGNUS, MISS HELAINE,
 MALI, MRS. PIERRE,
 MALLORY, ROBERT, JR.,
 MALONE, L. WILLIAM,
 MANN, GEORGE W.,
 MANN, MRS. GEORGE W.,
 MANN, S. VERNON,
 MANSFIELD, HOWARD,
 MANTHEIM, MISS GERTRUDE M.,
 MANVILLE, H. E.,
 MANVILLE, T. F.,
 MANVILLE, T. F., JR.,
 MAPES, EUGENE E.,
 MARCKWALD, ALBERT H.,
 MARCUSE, ALEXANDER J.,
 MARESI, POMPEO M.,
 MARIENHOFF, MISS BETH,
 MARKHAM, ROBERT D.,
 MARKLE, JOHN,
 MARKOE, HARRY,
 MARQUAND, MRS. HENRY,
 MARSH, CHARLES CAPRON,
 MARSHALL, A. W. W.,
 MARSHALL, CHARLES C.,
 MARSTON, HUNTER S.,
 MARSTON, PIERCE,
 MARTIN, BRADLEY, JR.,
 MARTIN, MRS. GRINNELL,
 MARTIN, MRS. HOWARD TOWNSEND,
 MARTIN, MRS. SHELTON E.,
 MARTIN, DR. WALTON,
 MARVIN, LANGDON P.,
 MARVIN, MRS. LANGDON P.,
 MARYE, R. V.,
 MASON, L. N.,
 MASTEN, ARTHUR H.,
 MASTERS, FRANCIS R.,
 MATHER, SAMUEL,
 MATZKE, ADOLPH,
 MAXWELL, FRANCIS TAYLOR,
 MAXWELL, GEORGE T.,
 MAXWELL, HOWARD W.,
 MAXWELL, WILLIAM,
 MAYER, B.,
 MAYER, EUGENE,
 MAYER, JOSEPH B.,

MAYER, MISS ROSALYNDE DE LIMA,
 MAYNARD, MRS. WALTER E.,
 MEEKER, HENRY E.,
 *MEHL, HENRY,
 MEINIARD, MORTON H.,
 MELLON, E. P.,
 MELLON, MRS. E. P.,
 MELOY, ANDREW D.,
 MERCER, MRS. MARTHA DANA,
 MERCER, WILLIAM R.,
 MERRILL, EDWIN G.,
 MESERVE, FREDERICK H.,
 MESSENGER, MISS MARIA GERARD,
 METCALFE, CAPT. HENRY,
 MEURER, JACOB,
 MEYER, MRS. CHARLES G.,
 MEYER, EUGENE, JR.,
 MEYER, MISS HELOISE,
 MEYROWITZ, EMIL B.,
 MICHALIS, MRS. CLARENCE G.,
 MIDDLEBROOK, FREDERICK,
 MIDDLETON, CORNELIUS W.,
 MILBURN, JOHN G.,
 MILES, MRS. A. GRAHAM,
 MILLER, MRS. CHARLES E.,
 MILLER, MRS. ELIZABETH C. T.,
 MILLER, LAWRENCE MCK.,
 MILLER, W. W.,
 MILLETT, JOSEPH B.,
 MILLETT, S. C.,
 MILLHISER, MRS. CLARENCE,
 MILLIKEN, MRS. GERRISH H.,
 MILLS, ABRAHAM G.,
 MILLS, ANDREW,
 MILLS, FREDERIC C.,
 MILMINE, MRS. C. E.,
 MILNE, CLYDE,
 MITCHELL, CHARLES E.,
 MITCHELL, J. F. B.,
 MITCHELL, MRS. WALTER L.,
 MONTGOMERY, CARLETON,
 MONTGOMERY, ROBERT H.,
 MOORE, BARRINGTON,
 *MOORE, CASIMIR DE R.,
 MOORE, MRS. CASIMIR DE R.,
 MOORE, MISS K. T.,
 MOORHEAD, HORACE R.,
 MORAWETZ, VICTOR,
 MOREHEAD, JOHN M.,
 MORGAN, MISS ANNE,
 MORGAN, MISS C. L.,
 MORGAN, EDWIN D.,
 MORGAN, JUNIUS S., JR.,
 MORGAN, MRS. PIERPONT,
 MORGAN, WALLACE,

MORGAN, WILLIAM FELLOWS,
 MORGAN, WILLIAM FORBES, JR.,
 MORGENTHAU, M. L.,
 MORLINE, STANLEY GRAFTON,
 MORRIS, DAVE H.,
 MORRIS, MRS. FORDHAM,
 MORRIS, LEWIS SPENCER,
 MORRIS, RICHARD L.,
 MORRISON, MRS. CHARLES KING,
 MORRISON, N. H.,
 MORSE, HOWARD M.,
 MORTON, MRS. PAUL,
 *MOSENTHAL, PHILIP J.,
 MOSES, SAMUEL T.,
 MOSLE, A. HENRY,
 MOSMAN, PHILIP A.,
 MOTLEY, JAMES M.,
 MOTT, MRS. JOHN BOWNE,
 MOYER, ALBERT,
 MUELLER, CHARLES F.,
 MUHLFELD, FRANK J.,
 MULFORD, EDWIN H.,
 MULLER, CARL,
 MUNSEY, FRANK A.,
 MURGATROYD, JOHN,
 MURPHY, MRS. FELIX TONE,
 MURPHY, GRAYSON, M. P.,
 MURRAY, HENRY A., JR.,
 MURRAY, R. D.,
 MURTHA, THOMAS F.,
 MUSCHIENHEIM, FREDERICK A.,
 MYERS, MRS. CLARE FLORENCE,
 MYERS, FRANK J.,
 MYERS, GEORGE S.,
 MYERS, WILLIAM S.,
 MYGATT, KENNETH,
 NADAL, MRS. CHARLES C.,
 NADELMAN, MME. ELIE,
 NATHAN, HAROLD,
 NAUMBURG, GEORGE W.,
 NAUMBURG, MRS. WALTER W.,
 NEILSON, DR. HOWARD S.,
 NEILSON, WALLACE PLATT,
 NESMITH, JAMES,
 NEUMOEGEN, M.L.,
 NEUMOEGEN, MRS. M.L.,
 NEUSTADT, MRS. S.,
 NEWCOMBE, MRS. CHARLES M.,
 NEWSON, WILLIAM M.,
 NEWTON, F. MAURICE,
 NICHOLS, ACOSTA,
 NICHOLS, MRS. GEORGE,
 NICHOLS, MRS. JOHN W.T.,
 NICKERSON, HOFFMAN,
 NICOLL, MRS. BENJAMIN,

NISBETT, DR. J. DOUGLAS,
 NORMAN, EDWARD A.,
 NORMAN, MRS. BRADFORD,
 NORTH, GEORGE B.,
 *NORTON, MRS. JEAN C.,
 NOTMAN, GEORGE,
 NOTMAN, HOWARD,
 OAKES, GEORGE W. OCHS,
 OBERMAYER, CHARLES J.,
 O'BRIEN, PERCY J.,
 OCHS, ADOLPH S.,
 *O'CONNELL, DR. J. H.,
 O'CONOR, JOHN C.,
 O'DONOHUE, MISS TERESA R.,
 OFFERMAN, JOHN,
 OGDEN, CHARLES W.,
 *OGDEN, DAVID B.,
 OGDEN, MRS. DAVID B.,
 OGDEN, MISS MARY F.,
 OGLE, MRS. PONSONBY,
 OHMEIS, JOHN,
 OHMEIS, P. M.,
 OLCOTT, ALFRED V. S.,
 OLCOTT, DUDLEY,
 OLCOTT, E. E.,
 OLIN, MRS. STEPHEN H.,
 OLNEY, ELAM WARD,
 OLYPHANT, ROBERT,
 OPENHYM, GEORGE J.,
 OPPENHEIMER, DAVID E.,
 ORDWAY, SAMUEL H.,
 O'Rourke, MRS. P. F.,
 ORVIS, MRS. WARNER DAYTON,
 ORTH, CHARLES D., SR.,
 OTHEMAN, MRS. FRANCES W.,
 OTIS, MRS. GEORGE L.,
 OTIS, DR. WALTER J.,
 OUTERBRIDGE, MRS. ADOLPH J.,
 OVERTON, CLOUGH C.,
 OVINGTON, CHARLES K.,
 PACKARD, JOHN H.,
 PADDOCK, MRS. EUGENE H.,
 PADDOCK, MRS. ROBERT L.,
 PAGE, CECIL,
 PAINE, MRS. AUGUSTUS G.,
 PAINTER, DR. H. McM.,
 PALMER, MISS ALICE W.,
 PALMER, EDGAR,
 PALMER, HOWARD,
 PALMER, DR. T. S.,
 PARDOE, DR. J. B.,
 PARISH, MRS. EDWARD C.,
 PARISH, WAINWRIGHT,
 PARKER, EDWARD LUDLOW,
 PARKER, HERBERT,

*DECEASED

- PARKER, JUNIUS,
 PARKER, WINTHROP,
 PARKS, ELTON,
 PARSONS, CHARLES W.,
 PARSONS, MISS GERTRUDE,
 PARSONS, HERBERT,
 PARSONS, MISS MARY,
 PARSONS, WILLIAM BARCLAY,
 PARSONS, DR. WILLIAM BARCLAY, JR.,
 PARTRIDGE, DR. EDWARD L.,
 PASK, MARSHALL W.,
 PATON, DAVID,
 PATTERSON, T. H. HOGE,
 PAUL, JOHN GILE,
 PAULDING, CHARLES C.,
 PATTERSON, HENRY STUART,
 PAYNE, MRS. HENRY W.,
 PEABODY, STEPHEN,
 PEACOCK, MRS. CHARLES A.,
 PEARSON, MRS. FREDERICK,
 PECK, CHARLES E.,
 PECK, DR. CHARLES H.,
 PECK, E. STUART,
 PECK, MORTON R., M.D.,
 PECKHAM, MRS. WHEELER H.,
 PEET, W. C.,
 PELL, JAMES D.,
 PELL, W.,
 PENDLETON, FRANCIS KEY,
 PENFOLD, EDMUND,
 PENNOYER, PAUL G.,
 *PENROSE, DR. CHARLES B.,
 PERIN, C. P.,
 PERINE, WILLIAM DE NYSE,
 PERKINS, MRS. CHARLES ALBERT,
 PERKINS, GEORGE W., JR.,
 PERKINS, MRS. GEORGE W.,
 PERKINS, MISS HATTIE W.,
 PERRY, MRS. WILLIAM A.,
 PETERS, MRS. CHARLES G.,
 PETERS, THEODORE,
 PETERS, WILLIAM RICHMOND,
 PETERSON, WILLIAM,
 PETRASCIL, CARL S.,
 PETROVA, MME. OLGA,
 PFEIFFER, GEORGE,
 PFORZHEIMER, CARL H.,
 PFORZHEIMER, WALTER,
 PFRIEMER, CHARLES JOSEPH,
 PHELPS, DR. GOUVERNEUR M.,
 PHELPS, MRS. SHEFFIELD,
 PHILLIPS, WILLIAM W.,
 PIATTI, DR. VIRGIL C.,
 PICKHARDT, CARL,
 PICKHARDT, W. P.,
 PIERREPONT, R. STUYVESANT,
 PIERSON, GEN. J. FRED,
 PINCHOT, GIFFORD,
 PIRIE, S. C.,
 PITNEY, MRS. J. O. H.,
 PLACE, IRA A.,
 PLATT, HENRY B.,
 PLATT, LIVINGSTON,
 POEL, FRANK,
 POLK, FRANK L.,
 POLLITZER, DR. S.,
 POMROY, DANIEL E.,
 POMROY, H. K.,
 POND, MISS FLORENCE L.,
 POOL, DR. EUGENE H.,
 POOLE, ABRAM,
 POOR, HENRY V.,
 POPE, G. D.,
 POPE, MRS. JAMES E.,
 PORTER, ALEXANDER J.,
 PORTER, LOUIS H.,
 POST, ABRAM S.,
 POST, MRS. CHARLES ALFRED,
 POST, GEORGE B.,
 POTTER, MISS BLANCHIE,
 POTTER, J. W. FULLER,
 POTTER, R. BURNSIDE,
 POTTER, SAMUEL B.,
 POTTS, CHARLES E.,
 POTTS, WILLIAM BREVOORT,
 POWELL, STEPHEN A.,
 POWERS, MRS. JOHN C.,
 PRATT, ALEXANDER D. B.,
 PRATT, A. G.,
 PRATT, MRS. HAROLD,
 PRATT, H. L.,
 PRATT, JOHN T.,
 PRATT, MRS. JOHN T.,
 PRENTICE, E. P., JR.,
 PRENTICE, JOHN HILL,
 PRENTISS, MISS HENRIETTA,
 PRENTISS, MARSHALL,
 PRESCOTT, SHERBURNE,
 PRESTON, VERYL,
 PRIDDY, LAWRENCE,
 PRINCE, EDWARD S.,
 PROCTOR, MRS. L. SANFORD,
 PROCTOR, WILLIAM,
 PROCTOR, MRS. CHARLES E.,
 PROCTOR, MRS. MARIA W.,
 PROCTOR, WILLIAM ROSS,
 PULSIFER, HAROLD TROWBRIDGE,
 PULITZER, MRS. JOSEPH,
 PUTNAM, ALBERT W.,
 PUTNAM, MRS. GEORGE HAVEN,

*DECEASED

PUTNAM, IRVING,
 PUTNEY, MISS EVA C.,
 PYLE, D. H. McALPIN,
 PYLE, JAMES McALPIN,
 PYLE, MRS. JAMES TOLMAN,
 PYLE, MRS. WILLIAM SCOTT,
 PYNE, MEREDITH H.,
 PYNE, MRS. M. TAYLOR,
 PYNE, MRS. PERCY R.,
 QUINCY, CHARLES F.,
 QUINTARD, DR. EDWARD,
 RABENAU, HERMAN,
 RAISLER, SAMUEL,
 RANGER, STANLEY,
 RASMUS, W. T.,
 RATIBORNE, RICHARD C.,
 RAYNER, WILLIAM,
 RAYMOND, H. E.,
 READ, MRS. WILLIAM A.,
 READ, WILLIAM A., JR.,
 REDMOND, MISS EMILY,
 REDMOND, MRS. HENRY S.,
 REDMOND, ROLAND L.,
 REED, ALDEN,
 REED, MISS BERTHA M.,
 REED, CHARLES,
 REED, MRS. CHESTER T.,
 REED, ROBERT R.,
 REEDS, CHESTER A.,
 REEVES, MARK W.,
 REID, OGDEN MILLS,
 REID, MRS. OGDEN MILLS,
 REID, WALLACE,
 REID, MRS. WHITELAW,
 REISCHMAN, HENRY R.,
 REISINGER, CURT. H.,
 REMINGTON, FRANKLIN,
 REMINGTON, SETH P.,
 REMSEN, LESTER C.,
 RENNIE, ROBERT,
 RENNULT, WILLIAM,
 RENWICK, EDWARD BREVOORT,
 REVUL, GEORGE ALBERT,
 REYNAL, MRS. E. S.,
 REYNOLDS, R. C.,
 REYNOLDS, SHAW H.,
 REYNOLDS, THOMAS A.,
 RHEINAUER, DANIEL,
 RHOADES, MRS. LYMAN,
 RICE, C. H.,
 RICE, GRANTLAND,
 RICE, ORAN WINTHROP,
 RICE, MRS. WILLIAM L.,
 RICHARD, MISS ELVINE,
 RICHARD, OSCAR L.,

RICHARDS, MISS CLARA,
 RICHARDS, ELLIS G.,
 RICHARDS, E. O.,
 RICHARDS, MRS. GEORGE H.,
 RICHARDS, MISS HELEN,
 RICHARDSON, ERNEST,
 RICHARDSON, JOSEPH W.,
 RICHARDSON, SINCLAIR,
 RIEM, SIMON R.,
 RIGGS, GEORGE C.,
 RIGHTER, MISS HARRIET T.,
 RIKER, MRS. CHARLES L.,
 RIPLEY, JULIAN A.,
 RIVES, F. BATARD,
 ROBBINS, CHANDLER,
 ROBBINS, FRANCIS L., JR.,
 ROBERTS, MRS. CHARLES HENRY,
 ROBERTS, IRVING BRUCE,
 ROBERTS, OWEN F.,
 ROBERTS, THOMAS S.,
 ROBERTSON, L. J.,
 ROBINSON, BEVERLEY R.,
 ROBINSON, MRS. C. BONNYCASTLE,
 ROBINSON, CHARLES LARNED,
 ROBINSON, MRS. DOUGLAS,
 ROBINSON, EDWARD,
 ROBINSON, JOHN A., M.D.,
 ROBINSON, MRS. MONROE D.,
 ROBINSON, MISS PAULINE,
 ROBINSON, W. ATMORE,
 ROCHE, MRS. BURKE,
 ROCKEFELLER, MRS. J. D., JR.,
 ROCKEFELLER, WILLIAM A.,
 ROCKEFELLER, MRS. WILLIAM G.,
 ROE, FRANK O.,
 ROE, IRVING L.,
 ROGER, JOHN,
 ROGERS, CHARLES F.,
 ROGERS, FRANCIS,
 ROGERS, MRS. FRANCIS,
 ROGERS, G. VERNOR,
 ROGERS, HUBERT E.,
 ROKENBAUGH, HENRY S.,
 ROLBIECKI, REV. DR. JOHN J.,
 ROLLE, AUGUSTUS J.,
 ROLLINS, FRANK S.,
 ROMBOUGH, JOHN B.,
 RONALDS, MISS THORA SCOTT,
 *ROOF, CLARENCE M.,
 ROOSEVELT, ARCHIBALD B.,
 ROOSEVELT, GEORGE E.,
 *ROOSEVELT, MRS. HILBORNE L.,
 ROOSEVELT, MRS. JAMES,
 ROOSEVELT, KERMIT,
 ROOSEVELT, NICHOLAS,

- ROOSEVELT, PHILIP W.,
 ROOSEVELT, W. EMLÉN,
 ROOT, ELIHU,
 ROPES, CHAPMAN,
 ROSE, MRS. A. SUMNER,
 ROSENTHAL, SYLVAN E.,
 ROSSITER, LUCIUS T.,
 ROTH, J. E.,
 ROTHBART, ALBERT,
 ROTHWELL, JAMES E.,
 ROUND, A. C.,
 ROUNDS, R. S., JR.,
 ROWLAND, THOMAS,
 ROWLEY, CHARLES BUCHANAN,
 RUHE, LOUIS,
 RUHL, LOUIS,
 RUMSEY, MRS. CHARLES CARY,
 RUNYON, CLARKSON,
 RUNYON, E. W.,
 RUNYON, WALTER CLARK,
 RUPERTI, MISS IDA A.,
 RUPERTI, JUSTUS,
 RUPPRECHT, FREDERICK K.,
 RUSSELL, DR. JOHN F.,
 RUST, HAROLD N.,
 RYAN, JOHN BARRY,
 RYAN, MRS. THOMAS F.,
 RYLE, ARTHUR,
 RYLE, GRAHAM,
 RYLE, MISS JULIA,
 SABIN, CHARLES H.,
 SACKETT, MRS. CHARLES A.,
 SACKETT, MISS HELEN H.,
 SAGE, DEAN,
 *SAGE, JOHN H.,
 SALM, COUNTESS MAUD,
 SAMPSON, CHARLES E.,
 SAND, MISS ALICE L.,
 SANDALGI, REV. PAUL J.,
 SANDHAGEN, H.,
 SANDS, MISS ANNE A.,
 SANDS, MRS. BENJAMIN AYMAR,
 SARG, F. A.,
 SARTER, MISS EMILIE L.,
 SATTERWHITE, PRESTON P.,
 SAUTER, FRED.,
 SCARBURGH, ROBERT STUART,
 SCHALL, W.,
 SCHAUFFLER, MRS. A. F.,
 SCHEFER, ANTON H.,
 SCHENCK, HENRY DEB.,
 SCHEUER, A. L.,
 SCHIEFFELIN, WILLIAM JAY,
 SCHIEREN, CHARLES A.,
 SCHIFF, MRS. JACOB H.,
 SCHIMMEL, SIEGFELD,
 SCHMELZEL, JAMES H.,
 SCHMELZEL, MISS JANE E.,
 SCHMITT, GEORGE,
 SCHMOLL, ARMAND,
 SCHNABEL, MISS ADELINE M.,
 SCHNACKENBERG, D.,
 SCHNIEWIND, EWALD H.,
 SCHNIEWIND, H., JR.,
 SCHOEN, CARL,
 SCHOLLE, A. H.,
 SCHONBRUNN, S. A.,
 SCHRAG, CHARLES A.,
 SCHRAMM, JOHN EDWARD,
 SCHUYLER, MISS LOUISE LEE,
 SCHWAR, HERMANN C.,
 SCHWARTZ, LOUIS F.,
 SCHWARZ, MISS EMILY E.,
 SCHWARZ, HENRY F.,
 SCHWARZ, HERBERT F.,
 SCHWARZ, MISS IDA T. L.,
 SCHWARZLER, ALBERT J.,
 SCHWEITZER, ISIDOR H.,
 SCOFIELD, MISS MARION,
 SCOLES, RICHARD J.,
 SCOTT, DONALD,
 SCOTT, MRS. FRANK H.,
 SCOTT, THOMAS BLYTHE,
 SCOTT, WILLIAM,
 SCOVILLE, HERBERT,
 SCOVILLE, ROBERT,
 SCRIBNER, ARTHUR H.,
 SCRIBNER, CHARLES,
 SCRIBNER, MRS. CHARLES,
 SCRYMSE, MRS. JAMES A.,
 SCUDDER, HEWLETT,
 SEAGLE, MRS. N. A.,
 SEALE, ALVIN,
 SEALY, ROBERT,
 SEAMAN, FRANK,
 SEAMAN, DR. LOUIS L.,
 SEDGWICK, MRS. ROBERT,
 SEE, A. B.,
 SEFTON, EDWIN,
 SEIDENBERG, OTTO,
 SEIGLE, W. R.,
 SELIGMAN, A. J.,
 SELIGMAN, EDWIN R. A.,
 SELIGMAN, GEORGE W.,
 SELIGMAN, MRS. ISAAC N.,
 SELIGMAN, JEFFERSON,
 SELIGMAN, JOSEPH L.,
 SELIGMAN, WALTER,
 SELLING, MISS GERDA,
 SENFF, MRS. CHARLES H.,

SENFF, F. W.,
 SETON, ALFRED,
 SEWARD, J. PERRY, M.D.,
 SEYMOUR, EDMUND,
 SEYMOUR, ORIGEN,
 SHAMESMAN, ISAAC B.,
 SHATTUCK, A. R.,
 SHAW, FRANK S.,
 SHAW, MRS. WILLIAM NICHOLS,
 SHEA, EDWARD L.,
 SHEETS, DR. E. A.,
 SHEFFIELD, JAMES R.,
 SHEFFIELD, MRS. JAMES R.,
 SHEDDON, EDWARD W.,
 SHEDDON, WILLIAM C.,
 SHEPARD, FINLEY J.,
 SHEPARD, DR. GEORGE A.,
 SHEPPERD, WALTER,
 SHERMAN, THOMAS T.,
 SHIMAN, DAVID,
 SHIPMAN, RICHARD D.,
 SHOEMAKER, HENRY W.,
 SHONNARD, HORATIO S.,
 SIBLEY, MRS. H. W.,
 SICHEL, MRS. EUGENE A.,
 SIDENBURG, GEORGE M.,
 SIEDENBURG, REINHARD,
 SIEGEL, JACOB,
 SIEGEL, WILLIAM,
 SILBERSTEIN, SOL. D.,
 SILLECK, HENRY G., JR.,
 SILLECK, MRS. HENRY G., JR.,
 SILLIMAN, HARPER,
 SIMON, ALFRED L.,
 SIMON, ROBERT E.,
 SIMON, THEO. A.,
 SIMONS, MISS KATE R.,
 SIMPSON, ERNEST L.,
 SINCLAIR, MRS. JOHN,
 SINCLAIR, MRS. WILLIAM,
 SINGER, ARTHUR J.,
 SKEEL, DR. H. ROBERTSON,
 SKEEL, MRS. ROSWELL, JR.,
 SLADE, FRANCIS LOUIS,
 SLATER, MRS. WILLIAM A.,
 SLAUGHTER, R. B.,
 SLOAN, RUSSELL R.,
 SLOAN, MRS. SAMUEL,
 SLOCUM, THOMAS W.,
 SLOSS, A. M.,
 SMIDT, THOMAS,
 SMILEY, DANIEL,
 SMILLIE, JAMES C.,
 SMILLIE, RALPH,
 SMITH, AUGUSTUS,

SMITH, AUGUSTINE J.,
 SMITH, CHARLES G.,
 SMITH, C. HAROLD,
 SMITH, MRS. CHARLES S.,
 SMITH, DANIEL CRANFORD,
 SMITH, ERNEST L.,
 SMITH, HOWARD C.,
 SMITH, PIERRE J.,
 SMITH, SCHUYLER,
 SMITH, WILTON LLOYD,
 SMITHERS, CHARLES,
 SMYTH, CLIFFORD,
 SMYTH, DAVID W.,
 SMYTH, MRS. FRANCIS,
 SNARE, FREDERICK,
 SNOW, E. G.,
 SNYDER, VALENTINE P.,
 SODEN, CHARLES P.,
 SOLDWEDEL, FREDERICK A.,
 SONDHEIM, PHINEAS,
 SOULE, LOUIS H.,
 SPALDING, EDWARD E.,
 SPALDING, H. BOARDMAN,
 SPALDING, KEITH,
 SPARROW, MRS. EDWARD W.,
 SPEAR, JAMES, JR.,
 SPEDDEN, FREDERIC O.,
 SPENCER, ALEXANDER H.,
 SPENCER, MRS. EDWARDS,
 SPERRY, WILLIAM M.,
 SPIES, MISS ALLIE,
 SPITZNER, GEORGE W.,
 SPRINGS, RICHARD A.,
 SQUIRE, EBEN H. P.,
 STAFFORD, MRS. WILLIAM FREDERICK,
 STANDINGER, CHARLES R.,
 STANLEY, ALFRED,
 STANLEY, HAROLD,
 STANWICK, CHARLES A.,
 *STAPLES, MRS. JOHN J.,
 STARR, HOWARD W.,
 STARR, LOUIS MORRIS,
 STEARNS, LOUIS,
 STEBBINS, E. VAIL,
 STEELE, CHARLES,
 STEELE, MRS. CHARLES,
 STEFFANSON, MRS. H. B.,
 STEIN, MRS. ALEXIS W.,
 STEINBECK, EDWARD,
 STEINHARDT, JOSEPH H.,
 STEINMETZ, JOHN A.,
 STENNING, NORMAN C.,
 STEPHENS, OLIN J.,
 STEPHENS, RODERICK,
 STEPHENSON, RALPH A.,

*DECEASED

- STERN, ALBERT,
 STERN, BENJAMIN,
 STERN, WALTER,
 STEVENS, FREDERIC W.,
 STEVENS, MRS. JOSEPH,
 STEWART, ALEXANDER M.,
 STEWART, CECIL P.,
 STEWART, GEORGE C.,
 STEWART, PERCY HAMILTON,
 STEWART, MRS. PERCY HAMILTON,
 STEWART, W. A. W.,
 STEWART, WILLIAM R.,
 STICKNEY, MRS. HENRY F.,
 STIER, MRS. GEORGE J.,
 STIER, JOSEPH F.,
 STILLMAN, JAMES A.,
 STILLMAN, MISS JANE,
 STILLMAN, JOSEPH F.,
 STILLMAN, LELAND S.,
 STILLMAN, PAUL F.,
 STIMPSON, EDWIN B.,
 ST. JOHN, DR. F. B.,
 STOCKWELL, MISS FRANCES T.,
 STOKES, FREDERICK A.,
 STONE, MISS ANNIE,
 STONE, CHARLES A.,
 STONE, MISS ELIZABETH B.,
 STONE, MISS ELLEN J.,
 STONE, ROBERT G.,
 STORRS, LUCIUS S.,
 STOUT, ANDREW V.,
 STRAUS, H. GRANT,
 STRAUS, HERBERT N.,
 STRAUS, MRS. NATHAN, JR.,
 STRAUS, PERCY S.,
 STRAUSS, ALBERT,
 STRAUSS, CHARLES,
 STRAUSS, FREDERICK,
 STRAUSS, MARTIN,
 STREETER, EDWARD,
 STRONG, BENJAMIN, JR.,
 STRONG, RICHARD A.,
 STROOCK, JOSEPH,
 *STROOCK, LOUIS S.,
 STRUTHERS, DUNCAN,
 STUART, MRS. DAVID,
 STUART, ROBERT,
 STUNKARD, PROF. HORACE W.,
 STURGES, CLARENCE B.,
 SUCKLEY, MRS. R. B.,
 SULLIVAN, MRS. JAMES,
 SULZBERGER, ARTHUR HAYES,
 SUTPHEN, JOHN S.,
 SUTRO, LIONEL,
 SUTTER, CHARLES C.,
 SWAN, HARRY,
 SWAN, JAMES A.,
 SWAN, MRS. J. ANDREWS,
 SWAN, JOSEPH R.,
 SWANSON, DR. F. J.,
 SWANZY, MRS. FRANCIS MILLS,
 SWARTWOUT, RICHARD H.,
 SWARTWOUT, ROBERT EGERTON
 SWAYNE, FRANCIS BOND,
 SWAYNE, MRS. FRANCIS BOND,
 SWENSON, S. A.,
 SWOPE, HERBERT BAYARD,
 SWORDS, WILLIAM VOORHIS,
 SYMS, DR. PARKER,
 TABOR, F. H.,
 TAFT, HENRY W.,
 TAG, ALBERT,
 TALMADGE, MRS. E. T. H.,
 TANENBAUM, MOSES,
 TAPPIN, HAROLD,
 TAYLOR, MRS. HENRY OSBORN,
 TAYLOR, HENRY R.,
 TAYLOR, HERBERT C.,
 TAYLOR, JAMES B.,
 TAYLOR, MOSES,
 TAYLOR, ROBERT COLEMAN,
 TAYLOR, WILLIAM A.,
 TAYLOR, WILLIAM R. K.,
 TENNEY, DANIEL G.,
 TERRY, EDMUND R.,
 TERRY, JOHN T.,
 TERRY, MRS. JOHN T.,
 TERRY, RODERICK, JR.,
 TERRY, WYLLYS,
 THATCHER, ARCHIBALD G.,
 THATCHER, MRS. GEORGE W.,
 THATCHER, MRS. T. D.,
 THAW, J. C.,
 THAYER, HARRY BATES,
 THEBAUD, MRS. PAUL,
 THEES, JOHN D.,
 THIERROT, CHARLES H.,
 THOMAS, MRS. HOWARD L.,
 THOMAS, SETH E., JR.,
 *THOMPSON, ARTHUR G.,
 THOMPSON, FARRINGTON M.,
 THOMPSON, MRS. J. TODHUNTER,
 THOMPSON, WILLIAM BOYCE,
 THORNE, CHARLES STOCKTON,
 THORNE, MRS. EDWIN,
 THORNE, MRS. JONATHAN,
 THURBER, H. F.,
 THURSBY, SHERMAN,
 THURSBY, MRS. SYDNEY,
 TIDD, GEORGE N.,

*DECEASED

TIEDEMANN, HENRY F.,	VAN NOSTRAND, B. T.,
TIEDEMANN, THEODORE,	VAN RENSSELAER, KILIAEN,
TIERS, MRS. ALEXANDER H.,	VAN SINDEREN, HOWARD,
TIFFANY, LOUIS C.,	VAN VLECK, ERNEST ALAN,
TILFORD, MRS. HENRY MORGAN,	VAN WEZEL, MRS. LOUISA,
TILT, ALBERT,	VARIAN, WILBUR L.,
TILTON, MRS. JOSEPH W.,	VEATCH, A. C.,
TIMME, WALTER, M.D.,	VERNAM, CLARENCE C.,
*TIMMERMAN, HENRY G.,	VERNAY, ARTHUR S.,
TIMOLAT, JAMES G.,	VETTEL, MRS. ROSA,
TIMPSON, JAMES,	VIETOR, THOMAS F.,
TINQUE, WILLIAM J.,	VILLA, ALFONSO P.,
TITUS, ROBERT R.,	VIRGIN, DR. FREDERIC O.,
*TOD, J. KENNEDY,	VOISLAWSKY, DR. ANTONIE P.,
TODD, W. PARSONS,	VOELKER, JOHN PH.,
TOMPKINS, MISS AUGUSTA N.,	VOGELSTEIN, LUDWIG,
TOWNE, PAUL R.,	VOIGHT, WILLIAM L.,
TOWNSEND, DANIEL J.,	VON BERNUTH, FREDERICK A., JR.,
TOWNSEND, MRS. E. M.,	VON Lengerke, JUSTUS,
TOWNSEND, EDWIN S.,	VON ZEDLITZ, MRS. ANNA M.,
TOWNSEND, HOWARD,	VOORHIS, MISS LOUISE,
TOWNSEND, H. N.,	VREELAND, FREDERICK K.,
TOWNSEND, J. H.,	VOILLEUMIER, DR. JULES A.,
TOWNSEND, MRS. JAMES M.,	WADLEIGH, FRANCIS RAWLE,
TREE, RONALD,	WADSWORTH, W. M.,
TRENCH, CHARLES S.,	WAGSTAFF, MRS. ALFRED,
TRIMBLE, MRS. RICHARD,	WAINWRIGHT, MRS. J. HOWARD,
TRUMBULL, WALTER,	WAKELEE, JUSTUS I.,
TRUSLOW, HENRY A.,	WALBRIDGE, HENRY D.,
TUCKER, MRS. AGNES,	WALKER, BRYANT,
TUCKER, CARLL,	WALKER, GUSTAVUS A.,
TUCKER, JOHN,	WALKER, JOHN B., M.D.,
TUCKERMAN, PAUL,	WALKER, JOSEPH, JR.,
TURNBULL, ARTHUR,	WALKER, MISS MIRIAM DWIGHT,
TURNBULL, MRS. RAMSAY,	WALLER, STEWART,
TURNBULL, WILLIAM,	WALLERSTEIN, DR. MAX,
TURNURE, GEORGE E.,	WALSH, MRS. JAMES R.,
TWEED, MRS. CHARLES H.,	WALTER, EDGAR,
TWEED, HARRISON,	WALTER, MARTIN,
TYLER, MRS. VICTOR MORRIS,	WALTER, WILLIAM J.,
TYRODE, DR. MAURICE V.,	WARBURG, PAUL M.,
VALENTINE, DR. WILLIAM A.,	WARD, ARTEMAS,
VAN BEUREN, DR. FREDERICK T., JR.,	WARD, FRANCIS L.,
VAN CORTLAND, AUGUSTUS,	WARD, FREEMAN F., M.D.,
VANDERBENT, TEUNIS J.,	WARD, MELBOURNE,
VANDERBILT, MISS GRACE,	WARDNER, HENRY STEELE,
VANDERLIP, FRANK A.,	WARDWELL, ALLEN,
VANDERPOEL, MRS. JOHN A.,	WARENDORFF, HERMAN,
VAN DER POEL, MRS. SAMUEL OAKLEY,	WARNER, A. L. D.,
VANDER SMISSSEN, DR. G. J.,	WARNER, GEORGE H.,
VAN GERBIG, BAREND,	WARNOCK, JAMES KNOX,
VAN INGEN, MRS. E. H.,	WARREN, MRS. FRANK HAMILTON,
VAN INGEN, DR. PHILIP,	WASHBURN, THOMAS G.,
VAN NORDEN, M. L.,	WASHBURN, WILLIAM IVES,
VAN NORDEN, OTTOMAR II.,	WASHINGTON, GEORGE A., 2d.,

*DECEASED

- WASSERMAN, SAMUEL,
 WATERBURY, MISS FLORENCE,
 WATERBURY, JOHN I.,
 WATERHOUSE, M. M.,
 WATSON, CHARLES F.,
 WATSON, MRS. J. HENRY,
 WATT, MRS. ANNIE S.,
 WATT, THOMAS L.,
 WATTS, MISS ISABELLE A.,
 WEARNE, HARRY,
 WEATHERBEE, MRS. EDWIN H.,
 WEBB, MRS. ALEXANDER S.,
 WEBB, F. EGERTON,
 WEBB, J. GRISWOLD,
 WEBB, J. LOUIS,
 WEBB, VANDERBILT,
 WEBB, MRS. VANDERBILT,
 WEBB, MRS. WILLIAM SEWARD,
 WEBB, W. SEWARD, JR.,
 WEBER, ORLANDO F.,
 WEBSTER, H. M.,
 WEBSTER, MRS. J. E. BURDICK,
 WEEKS, ANDREW GRAY,
 WEEKS, DR. JOHN E.,
 *WEIGLE, CHARLES H.,
 WEIL, MRS. HARRIET,
 WEISS, MRS. CHARLES,
 WEITLING, WILLIAM W.,
 WELCH, HENRY K. W.,
 WELCH, LEWIS S.,
 WELCHER, MISS ALICE L.,
 WELLDON, SAMUEL A.,
 WELLINGTON, DR. WALTER J.,
 WELLS, EDWARD H.,
 WELLS, MRS. JOHN,
 *WELLS, OLIVER J.,
 WELSH, MRS. S. CHARLES,
 WENTZ, THEODORE,
 WERTHEIM, MRS. MAURICE,
 WESSELL, ARTHUR L.,
 WESTOVER, M. F.,
 WHELOCK, WILLIAM H.,
 WHEELWRIGHT, DR. JOSEPH S.,
 WHITE, MRS. ALFRED L.,
 WHITE, MISS CAROLINE,
 WHITE, MISS EDITH HAMILTON,
 WHITE, MRS. E. LAWRENCE,
 WHITE, HAROLD T.,
 WHITE, J. G.,
 WHITE, LEONARD D.,
 WHITE, MISS MARTHA R.,
 WHITE, WILLIAM FULLERTON,
 WHITEHEAD, W. S.,
 WHITEHOUSE, J. HENRY,
 WHITEHOUSE, WILLIAM F.,
 WHITING, DR. CHARLES A.,
 WHITING, MISS GERTRUDE,
 WHITMAN, CLARENCE,
 WHITMAN, WILLIAM, JR.,
 WHITNEY, ARTHUR E.,
 WHITNEY, MRS. GEORGE,
 WHITNEY, H. F.,
 WHITNEY, MRS. HOWARD F.,
 WHITRIDGE, ARNOLD,
 WHITRIDGE, MISS JOAN,
 WHITTEMORE, GEORGE W.,
 WHITTEMORE, HOWARD,
 WIBORG, F. B.,
 WICKERSHAM, GEORGE W.,
 WIESE, WILLIAM,
 WILCOX, PROF. ALICE WILSON,
 WILKINS, F. H.,
 WILLCOX, MISS MARY A.,
 WILLETS, J. MACY,
 WILLIAMS, ARTHUR,
 WILLIAMS, DAVID,
 WILLIAMS, MRS. PERCY H.,
 WILLIAMS, RALPH J.,
 WILLIAMS, RICHARD H., JR.,
 WILLIAMS, ROGER BUTLER, JR.,
 WILLIAMS, WILLIAM H.,
 WILLIS, W. P.,
 WILLISTON, JAMES R.,
 WILSON, REV. ANDREW CHALMERS,
 WILSON, CHARLES B.,
 WILSON, HENRY WILLIAM,
 WILSON, M. ORME,
 WILSON, R. THORNTON,
 WIMPFHEIMER, CHARLES A.,
 WING, JOHN D.,
 WING, L. STUART,
 WING, S. BRYCE,
 WINGATE, GEORGE W.,
 WINTER, EMIL,
 WINTHROP, EGERTON L.,
 WINTHROP, MRS. ROBERT,
 WISE, EDMOND E.,
 WISNER, CHARLES,
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 WORKS, WINFIELD F.,
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 CRAMPTON, PROF. HENRY E.,

†The qualifications for this class rest solely upon scientific achievement.

*DECEASED

CRANDALL, LEE S.,	MATTHEW, DR. W. D.,
DAVENPORT, DR. CHARLES B.,	*MAYOR, DR. ALFRED G.,
DEAN, DR. BASHFORD,	MERKEL, HERMANN, W.,
DITMARS, R. L.,	MORGAN, PROF. THOMAS H.,
*DUTCHER, WILLIAM,	OSBORN, PROF. HENRY FAIRFIELD,
GRANT, MADISON,	OSBURN, DR. RAYMOND C.,
GREGORY, DR. WILLIAM K.,	PORTIELJE, A. F. J.,
GRINNELL, GEORGE BIRD,	RAVEN, H. C.,
GUDGER, PROF. E. W.,	SCHULTE, PROF. H. VON W.,
HARTLEY, G. INNESS,	SCOTT, DR. GEORGE G.,
HORNADAY, DR. WILLIAM T.,	SETON, ERNEST THOMPSON,
HUNTINGTON, DR. GEORGE S.,	SHELDON, CHARLES,
LANG, HERBERT,	SETH-SMITH, DAVID,
LEE, PROF. FREDERIC S.,	STOCKARD, DR. CHARLES R.,
LUCAS, DR. FREDERIC A.,	THAYER, GERALD B.,
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T. H. GILLESPIE,	MAJOR C. G. STURTEVANT,
	G. TYRWHITT-DRAKE,

CHARTER
OF THE
New York Zoological Society

CHAPTER 435, LAWS OF 1895.

AN ACT to incorporate the New York Zoological Society and to provide for the establishment of a zoological garden in the city of New York.

As amended by Chapter 146 of the Laws of 1902; and by Chapter 240 of the Laws of 1910.

See Chapter 432 of the Laws of 1900.

See Chapter of the city of New York, Section 626 of the Laws of 1901.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

SECTION 1. Charles A. Dana, Oswald Ottendorfer, Andrew H. Green, William H. Webb, Henry H. Cook, Samuel D. Babcock, Charles R. Miller, George G. Haven, J. Hampden Robb, Frederick W. DeVoe, J. Seaver Page, Rush C. Hawkins, David James King, Wager Swayne, Charles A. Peabody, Jr., Charles E. Whitehead, Charles R. Flint, Samuel Parsons, Jr., Mornay Williams, Henry E. Gregory, Isaac W. Maclay, Isaac Rosenwald, Hugh N. Camp, Andrew D. Parker, Cornelius Van Cott, William F. Havemeyer, Frederick Shonnard, William W. Thompson, Alexander Hadden, Edward L. Owen, John H. Starin, Rush S. Huidekoper, William W. Goodrich, Albert H. Gallatin, Frederick S. Church, Edward C. Spitzka, Robert L. Niles, Madison Grant, C. Grant La Farge, William Van Valkenburg, and such other persons as may, under the provisions of its by-laws, become members of the corporation hereby created, are hereby created a body corporate and politic, by and under the name of New York Zoological Society.

SEC. 2. Said corporation shall have power to establish, maintain and control zoological parks, gardens, or other collections for the promotion of zoology and kindred subjects, and for the instruction and recreation of the people. Said corporation may collect, hold, and expend funds for zoological research and publication, for the protection of wild animal life, and for kindred purposes, and may promote, form, and co-operate with other associations with similar purposes, and may purchase, sell, or exchange animals, plants, and specimens appropriate to the objects for which it was created.

SEC. 3. The managers of said corporation shall have power to make and adopt by-laws for the management and government of its affairs and business, for the admission, suspension, and expulsion of its members, and for the terms and conditions of membership; to prescribe the number and mode of election of its officers; to define their duties; to provide for the safe-keeping of its property, and from time to time to alter and modify its By-laws.

SEC. 4. The affairs and business of said corporation shall be managed and controlled by a board of managers, the number of whom shall be prescribed by the by-laws. The first board of managers shall be divided by lot into three classes, equal in number, one of which classes shall hold office for one year, an-

other for two years, and the other for three years; and all persons elected to be managers at any subsequent election shall hold office for three years, and until others are elected in their stead. There shall be a president, two vice-presidents, treasurer and secretary, to be elected by the board of managers annually, who shall hold office until others are elected in their stead. The first meeting under this act may be held at any time upon a notice of five days, signed by any five of the incorporators named in the first section of this act, fixing a time and place for such meeting, a copy whereof shall be mailed to each of said incorporators at his usual post-office address, and twelve of such incorporators shall be a quorum for the purpose of organization, adoption of by-laws, and election of officers. No manager of said corporation shall be interested, directly or indirectly, in any contract concerning its property or affairs.

SEC. 5. Said corporation may raise money by the issue of bonds, secured by a mortgage on any or all of its property not acquired from said city or state.

SEC. 6. Said corporation may take, purchase, and hold real and personal estate necessary for the purpose of its incorporation, and shall possess the general powers and be subject to the restrictions and liabilities prescribed in Article II of Chapter 23 of the Consolidated Laws, entitled "General Corporation Law," being chapter 28 of the Laws of 1909.

SEC. 7. The commissioners of the sinking fund of the said city are authorized in their discretion to allot, set apart, and appropriate for the use of said corporation, any of the lands belonging to said city north of One Hundred and Fifty-fifth Street, but not in the Central Park, and such appropriation may be revoked if, after the expiration of five years from the passage of the act, a zoological garden is not established thereon; said grounds thus set apart and appropriated shall be used or no purpose whatsoever except those aforesaid. As soon as any lands are set apart the Mayor of the said city of New York, and the President of the Department of Parks of said city, shall become and be *ex-officio* members of the board of managers of said corporation. If at any time the animals now composing the menagerie of Central Park shall be removed therefrom by the authorities having charge thereof, said authorities may make an arrangement with the incorporators named in this act or the corporation formed by them for leasing or sale of such animals to such incorporators or corporation, and said incorporators or corporation shall have a preference over any other person or corporation in respect thereto upon the same terms which said authorities could make with any such other person or corporation, or upon such other terms as to such authorities may seem proper, but nothing herein provided shall be construed as giving the commissioners of the Department of Public Parks authority to sell, lease, transfer, or in any other wise dispose of said animals or other property connected with or belonging to said menagerie.

SEC. 8. Admission to the said gardens shall be free to the public for at least four days, one of which shall be Sunday, in each week, subject to such rules and regulations as shall be prescribed by said corporation.

SEC. 9. This act shall take effect immediately.

AN ACT to amend chapter four hundred and thirty-five of the laws of eighteen hundred and ninety-five, entitled "An act to incorporate the New York Zoological Society and to provide for the establishment of a zoological garden in the City of New York" in relation to real and other property.

Became a law May 26, 1917, with the approval of the Governor. Passed, three-fifths being present.

ACCEPTED BY THE CITY.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

SECTION 1. Chapter four hundred and thirty-five of the laws of eighteen hundred and ninety-five, entitled "An act to incorporate the New York Zoological Society and to provide for the establishment of a zoological garden in the City of New York," as amended by chapter two hundred and forty of the laws of nineteen hundred and ten, is hereby further amended by adding thereto a new section to read as follows:

7-a. The board of estimate and apportionment in the City of New York may, in its discretion, set apart and appropriate upon such conditions as it may deem expedient for the extension and development of the work and objects of the said New York Zoological Society, the whole or any part of that portion of Bronx Park in the City of New York, lying to the south of Pelham avenue and Pelham parkway, for the use of the said New York Zoological Society, the said lands so to be appropriated to be described particularly in the order of the board of estimate and apportionment hereby authorized. The said board of estimate and apportionment may also, in its discretion at the time of setting apart and appropriating said lands or any part thereof to the New York Zoological Society, and annually thereafter, in addition to any sum or sums which it may have appropriated for the support and maintenance of the New York Zoological Park, appropriate to the use of said society, such sum or sums in its discretion for the care and maintenance of the additional lands that may be allotted to the said society under the authority hereby conferred, as it may deem best.

2. This act shall take effect immediately.

New York Zoological Society

AND THE

New York Aquarium

CHAPTER 441, LAWS OF 1902.

AN ACT to authorize a further appropriation to the New York Zoological Society for the support of the New York Aquarium.

As amended by Chapter 239 of the Laws of 1910.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Chapter four hundred and forty-one of the laws of nineteen hundred and two, entitled "An Act to authorize a further appropriation to the New York Zoological Society for the support of the New York Aquarium," is hereby amended to read as follows:

SECTION 1. The Board of Estimate and Apportionment of the City of New York may annually, in its discretion include in the budget for the then next ensuing financial year, in addition to any sum or sums which may be appropriated for the adequate support and maintenance of the New York Zoological Park or gardens, situated in the borough of the Bronx, and administered and controlled

by the New York Zoological Society, a further sum or sums, in its discretion, for the use of the said New York Zoological Society, provided, however, that the additional appropriation hereby authorized shall be made only in case an agreement is entered into between the said New York Zoological Society and the City of New York, acting by its Board of Estimate and Apportionment for the adequate keeping, maintenance, extension, preservation and exhibition of the building and approaches thereto and collection of aquatic animals and plants contained therein, known as the New York Aquarium, situated in the Battery Park in the Borough of Manhattan in said city, and also for furnishing opportunities for study, research and publication in connection with said collections, which contract the said Board of Estimate and Apportionment is hereby expressly authorized, in its discretion, to make upon such terms and conditions as may be agreed upon with the said New York Zoological Society, and which contract shall also provide how the duty of the commissioner of parks for the borough of Manhattan and Richmond in respect to maintaining the said aquarium now imposed upon him by law shall be performed.

SEC. 2. This act shall take effect immediately.

GRANT OF SOUTH BRONX PARK

TO THE

New York Zoological Society

At a special meeting of the Commissioners of the Sinking Fund, City of New York, held on March 24, 1897, a resolution was passed allotting South Bronx Park for the use of the New York Zoological Society upon conditions entirely satisfactory to the Society.

The full text of the resolution is as follows:

WHEREAS, by chapter 435 of the Laws of 1895, entitled "An act to incorporate the New York Zoological Society and to provide for the establishment of a Zoological Garden in the City of New York," it is provided that the Commissioners of the Sinking Fund of the City of New York are authorized in their discretion to allot, set apart and appropriate, for the use of said corporation, any of the lands belonging to said city north of 155th Street, but not in Central Park,

RESOLVED, that the said Commissioners of the Sinking Fund do hereby allot, set apart and appropriate for the use of said corporation, a tract of land in the southern portion of Bronx Park, embracing an area of about 261 acres, and consisting of so much of said park as lies south of Pelham Avenue, upon the following terms and conditions, to wit:

First. That said grounds thus set apart and appropriated, shall be used for no other purpose whatsoever except for the purposes of said Zoological Garden as the same are specified in the act aforesaid, and that said appropriation of said lands hereby made shall be revoked if, after the expiration of three years from the date of the commencement of the work by the Park Department for the necessary improvement of the grounds as referred to and described in the sixth paragraph of this Resolution, a Zoological Garden is not established upon said tract of land.

Second. That the original equipment of buildings and animals for said Zoological Garden shall be paid for from funds contributed by the New York Zoological Society, and that said Society shall, before it enters into occupation of the allotted land and within one year from the date of this Resolution, raise one hundred thousand dollars by subscription, and within three years from the date of the commencement of the work by the Park Department for the necessary improvement of the grounds as referred to and described in the sixth paragraph of this Resolution, the further sum of at least one hundred and fifty thousand dollars. If the said Society shall fail or neglect to raise said funds within the periods respectively fixed therefor, it shall, on demand of the Commissioners of the Sinking Fund, surrender to the City of New York the land allotted to it as a site for said Garden, and all improvements made thereon. The said Society shall not mortgage its buildings or animals, or any of its property within said Garden, which is directly or indirectly maintained by the City of New York.

Third. The said Zoological Society shall have the power to establish an endowment fund from the donations and bequests, which fund shall be used solely, unless otherwise specified by the donors thereof, for the general uses and purposes of said Society. The funds of said Society, other than the sums contributed to said endowment fund, shall be expended upon buildings and other enclosures for animals, for the collections of animals, and for the general purposes of the Society. Among the funds thus to be expended shall be the subscriptions of members, life members and patrons, and all cash donations to said Society, other than those made for the purposes of the endowment fund, and all moneys derived from the sale of animals; and the net proceeds of the privileges that may be developed in said Garden, such as refreshments, boating, riding animals, the sale of photographs, etc., shall be used for, and expended in the increase of the collections; and payments from the funds of such Society, including the endowment fund, shall be made directly from the treasury of the Society.

Fourth. The library, pictures, maps, office furniture, and other movable property purchased and owned by the Society shall remain the property of the Society, and excepting living animals, may be removable at will, and every piece of such property shall bear a distinguishing mark. But no buildings, aviaries or cages may be sold or removed by said Society without the written consent of the Board of Parks. All property paid for from the maintenance fund, hereinafter referred to, shall belong to the City.

Fifth. So long as the said Society is entrusted with the control and management of the said Zoological Garden, and the city provides for the proper maintenance and care of the animals and collections therein, the said Society shall not remove any of its animals or collections for exhibition elsewhere without the consent of the Board of Parks, but if the City shall ever cease to provide for the proper maintenance and care of the said animals and collections, the said Zoological Society shall have the right, upon giving three months' notice in writing to the Board of Parks, to remove the said animals and collections owned by it. The said Society shall have the right to improve its collections by the exchange of animals, and also by the sale of animals not needed for exhibition; but all moneys derived from such sale or exchange of animals shall be used only for the purpose of increasing said collections.

Sixth. The City of New York shall annually provide the necessary funds for the maintenance and care of the Zoological Garden, its buildings, inclosures and other improvements made from time to time therein, and the animals and collections of said Society; but the appropriation for the first year is not to exceed Sixty thousand dollars (\$60,000). It shall be the duty of the City to provide from such sums or appropriations, as may be applicable thereto, the cost of the necessary improvement of the ground prior to the erection of buildings and inclosures, including such roads, walks, fences, grading, water supply, drainage and heating as may be or become necessary for the proper development of said Zoological Garden, all of which work of preparation and construction shall be performed in conformity with the plans therefor to be agreed upon between the Park Department and the Zoological Society. The said City shall also furnish the necessary supply of water, and adequate police patrol and protection, and the salaries of all persons employed directly in the service and development of the Zoological Garden shall be paid from the maintenance fund, and from such other funds as may be available for and applicable to the purpose. Payments from the maintenance fund shall be made upon vouchers filed with the Comptroller and drawn in such form as he may direct; and said Society shall annually render the year then past, made on account of the said Zoological Garden, all revenues and resources thereof, a statement of the number of the members of said Society,

of the donations received and of the number of animals in the Garden, the chief items of improvement made during the year, and all other information that the said Mayor may require.

Seventh. The Park Department shall at all times have access to the grounds, buildings and other inclosures of the said Zoological Society for general police visitation and supervision, and for all other lawful purposes. Prior to the commencement of any work on said Garden the general plan therefor shall be submitted to and approved by the Park Board, and all subsequent plans for buildings, roadways and paths shall also be so submitted and approved. No living tree shall be cut down or removed, except by the express authority of said Park Department, but the said Zoological Society shall have the right to remove dead trees and such bushes as it may be necessary to remove in the preparation of inclosures for animals, or in making other improvements. The said Department of Parks shall plant such and so many shade trees, aquatic plants, shrubs and flowers as may be necessary to enhance and secure the seclusion, beauty and usefulness of the park, and shall do and perform all the work of gardening necessary to carry out the general plan of improvement and the subsequent plans as may be agreed upon between the said Zoological Society and the said Department of Parks.

Eighth. The said Zoological Garden and its collections shall be free to the public without the payment of any admission fee or gratuity whatsoever for not less than seven hours a day on at least five days of the week, one of which shall be Sunday, and also on all legal holidays and half holidays, subject to such reasonable regulations as may be made by said Society, but the said Society may close the area devoted to the collections of animals on not more than two days in each week, and on such days may charge an admission fee which shall be fixed by said Society, and all moneys derived from such admission fees shall be expended by said Society in the increase of the collections or in the improvement of said Garden or its buildings; but the portion of the grounds situated east of Boston Road, and all the Bronx River below the Boston Road bridge shall be open to the public at all times as pleasure grounds, subject to such reasonable regulations as may be adopted by said Society with the approval of the Park Department, and the occupancy of that portion of the park by herds of animals or by collections, shall be subject to the consent of the Park Department.

Ninth. The said Zoological Society shall have the right and power to appoint, direct, control and remove all persons and officers employed by them in and about the Zoological Gardens, and to fix the salaries of such persons and officers and to make promotions, but all regular employees shall be chosen, and their salaries fixed and promotions made, by reason of special fitness and ability.

Tenth. Subject to the conditions hereinbefore contained, the said Zoological Society shall exercise entire control and management over all the affairs of the said Zoological Garden.

BY-LAWS
OF THE
New York Zoological Society

AS AMENDED ON MAY 21, 1925.

ARTICLE I.

MEETINGS OF THE SOCIETY

SECTION 1. The office and place of business of the New York Zoological Society shall be in the City of New York, unless otherwise ordered.

SEC. 2. The Society shall hold its annual meeting for the election of Managers, and other business, on the second Tuesday of January, or such day thereafter during the month of January to which said annual meeting shall adjourn.

SEC. 3. Special meetings of the Society shall be called by the Secretary, upon the request of the President or the Chairman of the Executive Committee, or at the written request of ten members.

SEC. 4. Notices of all meetings shall be mailed to each member of the Society at least three days before such meeting.

SEC. 5. At meetings of the Society twenty members shall constitute a quorum.

SEC. 6. The order of business shall be as follows:

1. Roll Call.
2. Reading of minutes not previously read.
3. Report of Executive Committee.
4. Report of Secretary.
5. Report of Treasurer.
6. Report of the Director of the Zoological Park.
7. Report of Director of the Aquarium.
8. Election of Managers.
9. Communications.
10. Miscellaneous business.
11. Reports and resolutions.

ARTICLE II.

BOARD OF MANAGERS

SEC. 1. The Board of Managers shall consist of thirty-six members, together with the Mayor of New York and President of the Park Board, or Commissioner for the Bronx, who shall be members *ex-officio* of the Board.

SEC. 2. Twelve Managers shall constitute a quorum; but seven Managers may transact current business, and adjourn, subject to the subsequent approval of a meeting at which a quorum shall be present.

SEC. 3. The Board of Managers shall hold an annual meeting on the twenty-sixth day of December in each year, unless said date shall fall upon a Sunday, in which event the annual meeting shall be held on the following day. Regular meetings of the Board may also be called by the Secretary on the third Tuesdays of October and April upon the request of the President or Chairman of the Executive Committee. Special meetings of the Board shall be called at any time by the Secretary upon the request of the President or Chairman of the Executive Committee, or at the written request of five managers.

SEC. 4. Notices of meetings of the board shall be mailed to each Manager at least three days before such meetings.

SEC. 5. The successors to the outgoing class of Managers shall be elected by the Society at its annual meeting, but vacancies in the board may be filled for the unexpired term by the Board of Managers, or by the Executive Committee.

SEC. 6. A Nominating Committee shall be annually appointed by the Executive Committee, and shall consist of three members of the Society at large, who shall nominate and post ten days before the annual election the names of twelve persons to succeed the outgoing class of Managers in a conspicuous place in the office of the Society.

SEC. 7. No person shall be eligible for the election of the Board of Managers except to fill vacancies, unless his name shall have been posted as a candidate by such committee, or by not less than ten members, in writing, in a conspicuous place in the office of the Society ten days before the annual election. All candidates for election as Managers must be Life Members, Patrons, Associate Founders, or Founders of the Society.

SEC. 8. Any Manager who shall fail to attend three consecutive meetings of the Board, unless excused by a vote of the Board, shall cease to be a Manager.

SEC. 9. The Board of Managers shall at its annual meeting elect a President, two Vice-Presidents, a Secretary, and Treasurer, who shall hold office for one year, or until their successors are elected. The President, Vice-Presidents, and Treasurer shall be members of the Board.

SEC. 10. The Director of the Zoological Park, the Director of the Aquarium, and all other persons employed by the Society, shall be appointed by the Board or by the Executive Committee, and shall hold office during the pleasure of the Board.

SEC. 11. The Board shall, at its annual meeting, elect an Executive Committee and Auditing Committee, which shall hold office for one year, or until their successors are elected. The Board of Managers and the Executive Committee shall also have authority to appoint such other Committees or officers as they may at any time deem advisable and to delegate to them such powers as may be necessary.

SEC. 12. The order of business of the meetings of the Board shall be as follows:

1. Roll Call.
2. Reading of minutes not previously read.
3. Report of Executive Committee.
4. Report of Secretary.
5. Report of Treasurer.
6. Report of Auditing Committee.
7. Report of Director of Zoological Park.

8. Report of the Director of the Aquarium.
9. Election of Officers.
10. Election of Committees.
11. Election of new members.
12. Communications.
13. Miscellaneous business.

SEC. 13. All reports and resolutions shall be in writing, and the ayes and nays may be called on any resolution at the request of one Manager.

SEC. 14. Whenever the funds of the Society shall permit, the Board of Managers or the Executive Committee may award medals or other prizes for meritorious work connected with the objects of the Society.

ARTICLE III.

OFFICERS

SEC. 1. The officers of the Society shall consist of a President, two Vice-Presidents, a Treasurer, a Secretary, and a Director of the Zoological Park. These officers, with the exception of the Director, shall be elected at the annual meeting of the Board of Managers, but any vacancy may be filled for an unexpired term by the Board of Managers, or by the Executive Committee, until the next annual election.

SEC. 2. The President shall preside at all meetings of the Board and of the Society, and shall be *ex-officio* a member of the Executive and Auditing Committees.

SEC. 3. The Vice-Presidents shall, in the absence of the President, perform his duties and possess his powers, acting in the order of their election.

SEC. 4. The Treasurer shall receive, collect and hold, subject to the order of the Board of Managers, or the Executive Committee, all dues, subscriptions, warrants from the City, fees and securities. He shall pay all bills as ordered by the Board of Managers or the Executive Committee, and shall report to the Society at its annual meeting, and to the Board of Managers at all regular meetings, and to the Executive Committee at each meeting. He shall keep all moneys and securities in some bank or trust company to be approved by the Board of Managers or Executive Committee. The books of the Society shall at all times be open to the inspection of the Managers.

SEC. 5. The Secretary, unless relieved by the Board or Executive Committee, shall attend all meetings of the Society, of the Board and of the Standing Committees. He shall keep a careful record of all proceedings, shall have the custody of the seal, archives and books, other than books of account, and shall conduct the correspondence of the Society. He shall issue all notices and tickets, and shall perform such other duties as the Board may direct. He shall be a member *ex-officio* of the Executive, Aquarium, and Auditing Committees, and of the Scientific Council.

SEC. 6. The Director of the Zoological Park shall be elected annually by the Executive Committee at a salary to be determined by said Committee, and shall hold office until removed or his successor chosen by said Committee. He shall be the responsible administrative officer of the Park, and shall recommend to the Executive Committee candidates for the various positions in the Park. He shall also perform all such other duties in connection with the business, scientific, and literary administration of the Society as may be assigned to him by the Executive Committee.

SEC. 7. The Director of the Aquarium shall be elected annually by the Executive Committee, and shall hold office until removed or his successor is chosen by said Committee. He shall be the responsible administrative officer of the Aquarium, and shall recommend to the Executive Committee all candidates for positions in the Aquarium. The director of the Aquarium shall be *ex-officio* a member and Chairman of the Aquarium Committee. He shall perform such other duties in connection with the Aquarium as may be assigned to him by the Executive Committee.

ARTICLE IV.

COMMITTEES

SEC. 1. There shall be two standing committees, the Executive Committee and the Auditing Committee, which shall hold office for one year or until their successors are elected.

SEC. 2. The Executive Committee shall consist of eight Managers, together with the President, Secretary and Treasurer of the Society *ex-officio*. Four members including the Chairman shall constitute a quorum, and all meetings shall be called by the Chairman. The Executive Committee shall fill all vacancies in its own number and shall have the full power of the Board of Managers, except so far as such delegation of power may be contrary to law.

SEC. 3. The Executive Committee shall have the control and regulation of the collections, library and all other property of the Society, and shall have the power to purchase, sell and exchange specimens and books.

The Executive Committee shall also have power to employ and control all officials and employees of the Society, Park and Aquarium, to authorize the payment of a salary to the Chairman of the Executive Committee, the Secretary and other officials in its discretion, to fix the amount of all salaries, and generally to carry out in detail the directions of the Board of Managers and the terms of any contract between the City, or Park Board, and the Society.

SEC. 4. All the rules and regulations for the examination of applicants for the various positions in the Park and Aquarium shall be made or approved by the Executive Committee.

SEC. 5. The Executive Committee may regulate the auditing and payment for all current accounts.

SEC. 6. The Executive Committee shall annually appoint an Aquarium Committee, whose duties and powers are set forth in Section II of Article IV of these By-Laws.

SEC. 7. The Executive Committee shall annually appoint a Nominating Committee, whose duties and powers are set forth in Sections 6 and 7, Article II, of these By-Laws.

SEC. 8. It shall also appoint a Scientific Council, whose powers and duties are set forth in Section 2 of Article V of these By-Laws.

SEC. 9. The Committee shall make a written report at each regular meeting of the Board of Managers.

SEC. 10. The Auditing Committee shall consist of three regular members of the Society, in addition to the President and Secretary, members *ex-officio*, and vacancies shall be filled by the Executive Committee. It shall be the duty of the Auditing Committee to audit, annually, the accounts of the Treasurer, of the

Director of the Zoological Park, and of the Director of the Aquarium, and any other accounts of the Society, and shall report to the Board of Managers at its annual meeting.

SEC. 11. The Executive Committee shall annually appoint an Aquarium Committee, not to exceed eight members of this Society, who shall hold office until their successors are chosen. All vacancies shall be filled by the Executive Committee. The Director of the Aquarium shall be *ex-officio* a member and the Chairman of the Aquarium Committee, and such Committee may vest in him any or all of its powers. The Chairman of the Executive Committee and the Secretary of the Society shall also be *ex-officio* members of the Aquarium Committee. Three members shall constitute a quorum. The Executive Committee may delegate to the Aquarium Committee such powers as it may deem proper.

ARTICLE V.

SCIENTIFIC COUNCIL

SEC. 1. The Executive Committee shall annually appoint a Scientific Council of not more than ten members, and shall fill all vacancies. Members of the Council shall hold office until their successors are appointed.

SEC. 2. The duties of the Council shall be to act as an advisory board in all matters pertaining to the scientific administration of the Society, and especially as to the scientific features of the Park, the promotion of zoology by publications and otherwise, and the preservation of the native fauna of America.

SEC. 3. Four members, including the Chairman, shall constitute a quorum. The Chairman shall be elected annually by the Council. The Chairman of the Executive Committee and the Secretary of the Society shall be members *ex-officio* of the Council.

ARTICLE VI.

MEMBERS

SEC. 1. The present members and such others as shall become associated with them, under the conditions prescribed by the By-Laws, shall be members of this Society as long as they shall comply with the By-Laws.

SEC. 2. Members failing to comply with these By-Laws, or for other good and sufficient cause, may be expelled from the Society by the Executive Committee.

SEC. 3. Candidates for membership shall be proposed and seconded by members of the Society. The name, occupation, and place of residence of every member as proposed shall be submitted for election to the Board of Managers or the Executive Committee, and such person, when elected, shall become a member upon payment of the annual dues, or of the fees as prescribed below.

SEC. 4. There shall be a class known as Fellows, which shall consist of members of the Society who have rendered marked services to science, and shall be chosen by the Executive Committee. The privileges of Fellows shall be in all respects the same as those of regular members of the Society, but they shall be exempt from the payment of annual dues.

SEC. 5. The annual dues shall be ten dollars, payable in advance, on the first day of May of each year, but the Executive Committee may remit the dues

for the current year in the case of members elected between January 1st and May 1st of each year. The classes of membership shall be as follows:

SEC. 6. The payment of \$200 at one time shall constitute any member a Life Member.

A member who has paid annual dues for a period of five years may thereafter, at any time, upon the payment of the difference between the amount of dues already paid and \$200, become a Life Member, but such payment shall be not less than \$100.

SEC. 7. The payment of \$1,000 at one time, or in the case of a Life Member, of \$800, shall constitute any member a Patron.

SEC. 8. The payment of \$2,500 at one time, or in the case of a Patron of \$1,500, or of a Life Member of \$2,300, shall constitute any member an Associate Founder.

SEC. 9. Any member who shall donate to the Society \$5,000, or property of equal value, or any Associate Founder who shall donate \$2,500, or any Patron who shall donate \$1,000, may be elected by the Board of Managers or Executive Committee a Founder.

SEC. 10. Any member who shall have donated to the Society ten thousand dollars (\$10,000), or its equivalent, may be elected by the Board of Managers or the Executive Committee a Founder in Perpetuity. Such Founder in Perpetuity shall have the power to designate by a last will and testament his successor, who shall thereupon be entitled to all the rights and privileges of the original Founder in Perpetuity, including the right of designating in turn his successor.

SEC. 11. Any member who shall have donated to the Society \$25,000, or its equivalent, may be elected by the Board of Managers, or the Executive Committee, a Benefactor. Benefactors shall have the rights and privileges of a Founder in Perpetuity.

SEC. 12. Persons who have rendered marked service in the science of zoology or natural history may be elected Honorary Members, but not more than three such Honorary Members shall be elected in any one calendar year.

SEC. 13. A resident member who shall have rendered marked scientific or professional services to the Society in any branch of its work may be elected by the Executive Committee a Life Member, Patron, Associate Founder, or Founder. A resident of New York who shall have rendered marked service in zoology or natural history may be elected by the Executive Committee a Permanent Fellow.

SEC. 14. Non-residents who communicate valuable information to the Society, or who have rendered marked service in the science of zoology or natural history, may be elected Corresponding Members.

SEC. 15. Benefactors, Founders in Perpetuity, Founders, Associate Founders, Patrons, Life Members, Honorary Members, Permanent Fellows, Fellows, and Corresponding Members shall be exempt from annual dues.

ARTICLE VII.

PRIVILEGES OF MEMBERS

SEC. 1. A member's ticket admits the member and his immediate family to the Park on reserve days, and to all lectures and special exhibitions, and may be used by the member's immediate family, and shall be good for the current year.

SEC. 2. Admission tickets to the Park and Aquarium on reserve days are issued to members for distribution, and are good for the current year.

SEC. 3. Each member of the Society is entitled annually to a member's ticket and to ten admission tickets.

SEC. 4. Each member shall also receive one copy of the catalogue or hand-book, the report and official publication of the Society, and shall have all the privileges of the Library and Members' Building.

SEC. 5. No member shall be entitled to the privileges enumerated in this Article unless his annual dues shall have been paid.

SEC. 6. The Life Members shall have all the privileges of members and ten additional admission tickets.

SEC. 7. Benefactors, Founders in Perpetuity, Founders, Associate Founders and Patrons shall have all the privileges of Life Members, and shall in addition receive copies of all scientific works published by the Society.

SEC. 8. Any member who shall fail to pay his annual dues within three months after the same shall have become due, and after notice of thirty days, by mail, shall cease to be a member of the Society; subject, however, to reinstatement by the Board of Managers or Executive Committee for good cause shown.

SEC. 9. Any person elected to membership who shall fail to qualify within three months after notice of his election shall be considered to have declined his election; but such term may be extended by the Board of Managers, or Executive Committee.

ARTICLE VIII.

FINANCES

SEC. 1. The fiscal year of the corporation shall be the calendar year commencing January 1st and ending December 31st.

SEC. 2. Neither the Society nor any of its Managers or Officers shall contract any debt which, with existing debts, shall exceed in amount the funds then in the Treasury, except to meet expenditures for which the City is liable, and for which the Society will be reimbursed by warrants from the Comptroller's office.

ARTICLE IX.

AMENDMENTS

SEC. 1. Amendments to these By-Laws may be proposed, in writing, at any meeting of the Board of Managers, and adopted by unanimous consent of the Managers present, or if such proposed amendment shall fail to receive unanimous consent, the Secretary shall, with the notices of the next meeting, send a copy of it to each Manager and state that it will be brought up for action at such meeting, when it may be passed by a majority vote.

